

## ALLAN BONADIO RESUME - TIPS FOR RECRUITERS

Please don't be offended; I get a lot of job spam. I don't answer emails from recruiters about jobs that are grossly inappropriate. And I might block your emails for the future.

- outside the area (SF city)
- jobs that seem to have nothing to do with my resume (eg Angular, Java, Python, or all Backend, I specialize in Frontend UI JavaScript with React, although I also do node.js).

Email - The **best way to contact me is by**

email: [bojnac@tactileint.org](mailto:bojnac@tactileint.org) . We can talk over the phone if there's a match.

Hearing, Phone & Voicemail- Please don't call at first. Send me an email instead, or a text.

- I have to see the JD to see if I fit. You can't guess. There's a few dozen dealbreakers for me.
- I'm a little bit **hard of hearing**. If you have a **non-American accent**, a high-pitched voice, or you use a speakerphone, **don't be surprised** if I can't recognize your voice or your name, or if I **can't understand most, or all, of what you say**. I may just tell you to send an email and hang up. I will do phone/video interviews of course - schedule a few days in advance **over email**; make sure I confirm back that it's on my calendar, **over email**.

Technologies - I'm looking for work using **ReactJS** or **React/Redux**. I've got about 5 years of experience in React, two in Redux, 10+ years in web development. I do not do Angular, Java, or Python.

Location - I live in **San Francisco city**, so I'm limiting my attention to **San Francisco city**, **100% Remote**, or a hybrid in, or close, to SF. (Email me if you're not sure.)

Work Status - I am a **native born** US citizen. Right now, I'm looking for either Fulltime employment, with benefits, or W-2 contract work.

latest Resume - Latest resume, and my status, always at <https://resume.tactileint.org> , or keep scrolling for this one.

Conflicts - Please **ask** me about a company **over email** (include the company name/spelling/website), before sending over my resume, so I have a record of who's doing whom. Or **go check [resume.tactileint.org/alreadyappliedto](https://resume.tactileint.org/alreadyappliedto)**. I keep this record to avoid two recruiters doing the same employer — **you want this too**, as it can avoid embarrassment.

JavaScript is not the same as **J a v a**. They are two completely different languages used for different situations. Don't contact me about **J a v a** jobs, I'm looking for a JavaScript job.

# ALLAN BONADIO

## Senior UI/UX Developer

San Francisco, CA 415-216-5735 (please text or email first!)

bojnac@tactileint.org

**Resume:** <https://resume.tactileint.org>

**Portfolio:** <https://portfolio.tactileint.org>

**LinkedIn:** <https://www.linkedin.com/in/allan-bonadio>

**GitHub:** <https://github.com/allan-bonadio>

## PROFESSIONAL SUMMARY

Accomplished Senior UI/UX developer with over 10 years of experience designing interactive HTML user interfaces for multiple companies on a wide variety of platforms, including 5 years of ReactJS. Experienced with the full software development lifecycle (SDLC). Experienced working on cross-functional teams with Engineers, UX Designers, Product Managers, etc. Extensive experience programming with JavaScript and its various plugins and frameworks, including NodeJS and ReactJS.

## ACCOMPLISHMENTS

- Single-handedly designed and began implementation of a user interface for an AI-driven drone testbench.
- Single-handedly designed and developed a user interface for a quantum mechanics simulation application
- Single-handedly designed and completed a user interface for configuring DNS resolvers and their active subnets, policies, blacklists, whitelists and redirections
- Spearheaded a role/permission system to better control access to features in a website monitoring product
- Led the overhaul of Reputation.com's front page and two dozen other related pages involving contact forms, salesforce.com interfacing, phone tracking, and the company's army of backend servers
- Developed a comprehensive map of merchant locations utilizing Google Maps
- Architected and developed a programming language functionality comparison wiki, with a cross-language feature breakdown, so that code in one language could be easily visualized in another language
- Designed A testing framework used to test programming language examples in documentation

## EXPERIENCE

**AirSim UI** Microsoft Corporation | Original and Only UI Developer

3/2021-present

First programmer to put a Web UI on the AirSim project  
Developed React application from scratch

Interfaced Epic Unreal engine PixelStreaming to WebApp  
Interfaced to main server via WebSockets  
Assembled greater WebApp system utilizing 5 servers  
Worked with a programming group with little to no experience with web development or databases

## **Squishy Electron**, independent project | Senior Developer

3/2021-present

Developed Real-Time, interactive quantum mechanical simulation, in a web browser  
All calculations done client-side, with no server needed  
Developed React UI from scratch using native DOM widgets, scss and ES2021  
Developed interactive SVG and hit testing and dragging, and WebGL display onto canvas  
Developed numerical integration of Schrödinger's equation using Visscher's algorithm  
Developed C++ in-browser, with Enscriptem and WebAssembly; also C++ unit tests

## **McKesson** | Senior UI Developer

1/2020-2/2022

Developed UI in a mixed React/Redux and GWT environment with ES2018  
Developed Redux stores with Immutable and Saga  
Rectified a widespread CSS problem with mixed stylesheets that nobody else in the office dared try  
Discovered, fixed, and explained a bug that nobody in the office even thought possible  
Lots and lots of unit tests using Mocha and Chai  
Participated in Code Reviews

## **JP Morgan Chase** | Senior UI Developer

2/2019-12/2019

Designed and Developed a Source Code Ownership Management System in React/Redux  
Designed and Developed the first unit test framework that allowed in-browser testing in the company  
Developed a chat client for use in testing  
Added features to the Chase.com chat system  
Worked with ARIA on the Chase.com website  
Participated in Code Reviews, wrote Unit Tests for Test Automation

## **Neustar** | Senior UI Developer

9/2014-12/2018

Designed, developed and tested various commercial user interfaces for load testing, website testing, and DNS filtering  
Spearheaded designing a role/permission system to better control access to various features  
Developed unit and automated integration tests using Jasmine and WebDriver  
Contributed to Design, Wireframes, Mockups and Code Reviews  
Drove innovation by using the latest Web and UI technologies  
Utilized JavaScript, React/Redux, D3, JIRA, Confluence, git, Promises and heavy asynchronous programming, ECMA6, and countless JS plugins including: jQuery, Chosen, and hogan/  
Mustache, to create a more interactive UI

## **Reputation.com** | Senior UI Developer

10/2012-9/2014

Developed and maintained a next-generation website based on backbone.js, PHP, JavaScript, Node.js, Apache, git, svn, Photoshop, hogan/Mustache, jQuery, underscore.js, AJAX and SFDC  
Worked on prototypes and proof of concepts using leading edge technologies and frameworks  
Planned and participated in load, capacity, and performance analysis and testing  
Designed tests, built test data, test execution and evaluation to facilitate system and acceptance testing

Mentored junior developers on UI best practices

## **Ruckus Wireless | Senior UI Developer**

**5/2012-9/2012**

Managed CMS development and AWS servers in an AWS server environment

Utilized Unicode and legacy character encodings to enable the internationalization of the Ruckus Wireless website

Researched new and emerging technologies and built prototypes to assess for use in product development

## **Tesla Motors | Senior UI Developer**

**12/2011-4/2012**

Maintained and developed customer-facing website using PHP 5, Drupal, JavaScript, AJAX, backend processes and SFDC

Expanded Tesla's international presence by overhauling the internationalization system

Collaborated with other team members and department stakeholders including: Business Analysis, Product, UI Engineering, and Client Support

## **EDUCATION**

### **BS in Applied and Engineering Physics | Cornell University.**

Minored in Cognitive Psychology and Computer Science.

## **CORE TECHNOLOGIES**

| AWS | bash | C++ | CI/CD | CSS3 | d3 | DOM | Enzyme | ES12 (ES6) | eslint | express | Google Chrome extensions | HTML5 | internationalization | Jasmine | JavaScript | JSON | jQuery | JWT | Material UI | Mocha/Chai | MongoDB | MySQL | NGINX | NodeJS | npm | Promises | React | Redux | regular expressions | RESTful APIs | Saga | SCSS | Selenium/WebDriver | StoryBook | Stellar Nucleosynthesis | SVG | TDD | Unreal PixelStreaming | WebGL | Webpack | WebSockets |

## **PUBLICATIONS & UI PATENTS**

- Bonadio, A.B.: Method and System for UI for Graphical File Management, US Patent 7,075,550. 2006.
- Gonnet, Gaston H., and Bonadio, Allan: Partial inverse heuristic for the approximate solution of non-linear equations, Informatik E. T. H. Zurich, Switzerland and Waterloo Maple, San Francisco. 1998.
- Bonadio, A.B.: Apparatus and UI Method for Interactively Manipulating Mathematical Equations, US Patent 5,189,633. 1993.
- Bonadio, A.B.: Mathematical User Interfaces for Graphical Workstations, Proceedings of the IFIP TC2/WG 2.5 Working Conference on Programming Environments for High-Level Scientific Problem Solving. September 1991 Karlsruhe, Germany, pp331-342.