Peter Krieg

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Objective

Motivated software engineer with math/physics background. Passionate about development best practices and enjoys tackling challenging problems through code.

Skills

- Front end: JavaScript (ES6+), Angular, Typescript, React, Redux, D3, jQuery, CSS/SCSS, HTML, Highcharts, Bootstrap, Electron
- Back end: Node.js, Express, PostgreSQL, MongoDB, AWS, Docker
- Workflow: Git, GitHub, Atlassian suite, agile environment, TDD

Work History

Software Engineer, *ERT*   *Aug '17 – Present*
- Develop modern, data-intensive web dashboards using Angular 5, Typescript, and D3
- Design and implement RESTful APIs using Node.js and Express
- Prototype schema relationships for complex clinical trial data app involving 100+ SQL tables

Lead Engineer, *PiraShield*   *July '16 – Feb '18*
- Co-founder of early stage MassChallenge participating startup
- Lead front end engineer, developing interactive, client-facing dashboards and data visualization tools using Angular/Highcharts, and later transitioning to React/Redux/D3
- Led company's database switch from MongoDB to PostgreSQL
- Introduced TDD to development team and maintained 100% test coverage
- Architect company's devops, using AWS EC2, ECS, Beanstalk, auto-scaling, and many others

Software Developer, *COMPanion Corporation*   *Feb '16 – July '16*
- Front end developer maintaining and developing new features for company's products
- Tools used included JavaScript, Sproutcore MVC, jQuery, Sass, Git, Atlassian

Education

Bates College B.S. Degree in Physics, Math Minor, GPA: 3.6   *Class of 2015*
- Physics class tutor and laboratory teaching assistant
- Co-founded a Cub Scout Pack at a housing unit dedicated for Somali immigrants aged 6-10

Wellesley High School, GPA: 3.52   *Class of 2011*
- Eagle Scout (2011). Assistant troop leader
- Member of National Honor Society and Spanish National Honor Society
- Varsity cross country and track (captain, top 10 in MA 2010)