

Peter Krieg

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Objective

Motivated software engineer with math/physics background. Passionate about solving problems through code and looking to join a Boston-based tech company.

Skills

- Front end: JavaScript (ES6), Angular, React, Redux, D3, jQuery, CSS, HTML, Bootstrap, Electron
 - Back end: Node.js, Express, PostgreSQL, MongoDB, AWS, Docker, nginx, RabbitMQ
 - Workflow: Git, Github, Atlassian suite, agile environment, TDD
 - Strong science/math background and problem solving abilities
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Work History

Software Engineer, *PiraShield*

July '16 - Present

- Co-founder of early stage MassChallenge participating startup
- Lead front end engineer, developing interactive, client-facing dashboards and data visualization tools using Angular/Highcharts. Currently transitioning to React/Redux/D3
- Design and implement RESTful APIs using Node.js and Express
- Led company's database switch from MongoDB to PostgreSQL
- Introduced TDD to development team and maintained 100% test coverage
- DevOps: Use AWS, nginx to manage hundreds of concurrent instances. Navigate pipeline system using RabbitMQ

Software Developer, *COMPanion Corporation*

Feb '16 – July '16

- Front end web developer maintaining and developing new features for company's products
 - Implemented printer API to dynamically generate images on front-end using HTML5 canvas, reducing server costs to render images
 - Tools used included JavaScript, Sproutcore MVC, jQuery, Sass, Git, Atlassian
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Education

Bates College B.S. Degree in Physics, Math Minor, GPA: 3.6

Class of 2015

- Physics class tutor and laboratory teaching assistant. In charge of individually tutoring several different students and helping teachers with class lab experiments
- Orientation leader—selected to lead a group of incoming Bates Freshmen on a multi-day hiking trip to start their college experience
- Co-founded a Cub Scout Pack at a housing unit dedicated for Somali immigrants aged 6-10
- Planned and executed bi-weekly educational meetings and activities for the pack

Wellesley High School, GPA: 3.52

Class of 2011

- Boy Scout from 2005 until earning Eagle badge in 2011, Scouting's highest rank. Assistant leader of troop for two years
- Member of National Honor Society and Spanish National Honor Society
- 11 season varsity cross country and track athlete, captain for 4 combined seasons. 13th fastest runner in state of MA senior year