BRENNAN HOETING

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EDUCATION

Miami University   *Fall 2015 - Spring 2019 (expected)*

- Bachelors of Science in Computer Science

SKILLS

Languages & Technologies

- Javascript, html/css, React, Redux, Styled Components, React Router
- Go, Python, Django, Ruby, Rails, SQL, Node.js, Mongo
- Docker, git, bash, npm, webpack

EMPLOYMENT

Atlassian *(San Francisco, CA)*
                                                                                                              May - August 2018
Software Engineering Intern - Bitbucket

- Owned and shipped the conversion of Bitbucket's Repository Branches page to a React-based SPA, improving the site performance user experience, and overall Atlassian Appdex score
- Published multiple components to internal React library, namely a Bitbucket pride icon and a git branch divergence graph. Included documentation and demos for each component so others could easily use them
- Built the internal API endpoint in the monolithic Django backend that is used by the branches SPA. It supports sorting, filtering, pagination, field specification, and runs optimal SQL queries

Palo Alto Networks *(Santa Clara, CA)*
                                                                                                              May - August 2017
Software Engineering Intern

- Incrementally added React to an internal Django application, making the site look and perform better while making the code higher quality and more maintainable
- Built a create-react-app like tool to generate domain specific React components for things such as build status pages and device creation forms, allowing for quicker development and more consistent code
- Wrote tutorial and example based documentation on the above project, allowing those unfamiliar with React to be productive when adding and editing features

Infuse *(San Francisco, CA)*
                                                                                                              March - August 2016
Software Engineering Intern

- Built features with Rails and JavaScript for multiple web-based client projects on a biweekly sprint basis
- Reproduced and fixed several asynchronous and state mismanagement bugs in a large Angular/Cordova application using the Chrome Javascript debugger
- Wrote SQL queries and Ruby scripts to fix thousands of invalid records in a legacy database, unblocking multiple related tasks

PERSONAL PROJECTS

Blast *(view on GitHub)*   *2015*
- Interpreted dynamic programming language built from scratch in Go
- Has functions, loops, conditionals, primitives, scoping, and expression evaluation
- Nearly all the code in the project has automated tests

Miami Scheduler *(view on GitHub)*   *2017*
- Web application that generates class schedules and displays historical GPA data from a list of courses at Miami University
- Programmatically imports course and GPA data from public sources
- Built with Go and Vue
- Over **4250** unique users during registration times