BRENNAN HOETING

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EDUCATION

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

- Bachelors of Science in Computer Science

SKILLS

Languages & Technologies

- Python, Go, JavaScript, Node.js, Java, PHP, Ruby
- React, Vue, Angular 2, Webpack, Laravel, Rails, Django

- Docker, Vim, Git, Ubuntu server
- MongoDB, PostgreSQL, MySQL

EMPLOYMENT

Atlassian *(San Francisco, CA)*   *July 2019 - Present*

Software Engineer

- Led a feature to add the tasks/checklist feature to the new [Bitbucket Pull Request UI](). This project required significant API changes to an internal React component used across the company and was one of the most requested features by users for the new experience. Its success allowed us to double the rollout of the new UI in a short amount of time
- Worked heavily in Bitbucket's [public 2.0 Repository Diff API]() to improve performance and reliability. Notable changes include handling of large files and preventing them from causing the API to timeout and adding support for Diffs with file names that have special encoding/escaping
- Frequently contributed to Bitbucket's internal Python library that is used for interacting with Git at a low level. Main focus was on complex bug fixes that targeted inconsistencies in error handling and unexpected behavior due to NFS

Atlassian *(San Francisco, CA)*   *May 2018 - June 2019*

Software Engineering Intern

- Owned and shipped the conversion of Bitbucket's Repository Branches page to a React-based SPA, improving the page performance and experience for 200,000 daily users
- Led a team of contractors to convert additional pages on Bitbucket to the React SPA, including the Commit List, Pull Request List, and Repository List - improving performance and user experience to some of the most frequently visisted pages on the site
- Developed several new internal APIs in the Python/Django backend to meet the technical and performance requirements of the React transition

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

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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