JESSE ALLOY

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EDUCATION

University of Virginia, *School Of Engineering and Applied Sciences*   May 2019
Major: B.S. Computer Science, B.A. Physics | GPA: 3.92
Honors:
- Intermediate Honors Recipient, SEAS 2017
- Dean's List Fall 2015-Spring 2018

TECHNICAL SKILLS

Programming Languages: Javascript, Python, Go, Java, SCSS/CSS, HTML, C++, Google Closure Templates
Technologies: Git, Bazel, Jenkins, Sass, React, Webpack, Linux, AWS, Prometheus
Unique University Coursework (UVA): Advanced Algorithms (Graduate level), Computer Vision, Software Testing, Cloud Computing (AWS focus)

WORK EXPERIENCE

Yext   **Washington, D.C. Metro Area**
Software Engineer III | November 2020 – Present
Software Engineer II | August 2019 – November 2020
- Built Yext Pages sites (bespoke static landing pages, consumer facing) for Fortune 500 clients using ES6 Javascript, Sass, Webpack, and Soy templates and contributed to the ongoing delivery of consulting services for several of the company's top clients, such as Taco Bell, Jaguar Land Rover, and AT&T, often times integrating them into existing client infrastructures. Optimized Pages for SEO, accessibility, page speed, first and third party analytics tracking, among other front-end benchmarks.
- Worked on the design, implementation, and maintenance of custom ETLs written primarily in Go, as well as dashboards and complex data exports in Java.
- Contributed new internal tooling to improve dev workflow, including writing CLIs, as well as webscrapers in Bash/Python.
- Collaborated effectively across the UX Design, Technical Engagement Manager, and Product teams using Agile and Kanban workflows, helping to facilitate both internal and client facing meetings.
- Lead various R&D initiatives, including the sunsetting of default IE support by Yext Pages.
- Mentored/remotely onboarded summer interns and new hires.

Software Engineer Intern | June 2018 – August 2018
- Built Yext Pages sites as described above, as well as R&D tooling using Google Apps Scripts. Tooling scrapes and aggregates quality assurance data stored in Yext's google drive folders for data-driven analysis and retrospection.

University of Virginia   **Charlottesville, VA**
Teaching Assistant | January – May 2018
- Assisted in the instruction of Undergraduate Algorithms.
- Held weekly office hours, helped create exams/assignments, and graded assignments.

RESEARCH & LEADERSHIP EXPERIENCE

University of Virginia   **Charlottesville, VA**
Research in the Computer Science Department under Nathan Brunelle
- Investigated the NP-completeness of a specific algorithmic problem faced by the UVA English department, and developed and implemented optimized solutions to solve real cases of it in reasonable time.

Leadership: Honor Support Officer | 2015 – 2019
- Served as investigator, confidential advisor, and counsel within the highly-esteemed honor system at UVA.
- Elected through a selective application process to represent the undergraduate school on the student-run council.

INTERESTS

Hiking/backpacking, mountaineering/alpinism, photography