

Donovan Ellison

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🎓 EDUCATION

**Bachelor of Science in
Computer Science, University Honors**

Portland State University

GPA: **3.73**

Sep 2016 — Aug 2020

📖 THESIS

**Functional Programming for Systems Software:
Implementing Baremetal Programs in Habit**

University Honors Theses

- Implemented a page table with context switching in C.
- Implemented part of a page table in a prototype of Habit.
- Enabled IA-32 paging and setup system calls in x86 Assembly

Sep 21, 2020

👜 EXPERIENCE

Software Engineer Intern

Akamai Technologies

- Worked on an AWS data pipeline used for tracking user metrics.
- Maintained Terraform configurations for the deployment of non-production code.

Jan 2019 — Jun 2019

DevOps Intern

Comscore, Inc.

- Improved a testing framework for the QA team in C#.
- Performed weekly deploys with Jenkins to production environments. Ensured code worked as expected and all changes were properly documented.
- Maintained Ruby scripts used for deployment.

Jul 2018 — Dec 2018

Software Engineer Intern

XPO Logistics, Inc.

- Designed and developed a web app from scratch with React.
- Managed an SQL database with Java.

Jan 2018 — Jun 2018

Software QA Intern

Janrain, Inc.

- Wrote tests in Behave for user stories prior to implementation to promote test-driven development.
- Used the Selenium framework to test the interface of a web app.

Jul 2017 — Dec 2017

</> SKILLS

C/C++, EC2, Git, Haskell, JIRA, Jenkins, Machine Learning, S3, Terraform, Python, and x86 Assembly