Donovan Ellison

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⌂ dvaneson

🎓 EDUCATION

Bachelor of Science in
Computer Science, University Honors   **Sep 2016 — Aug 2020**
Portland State University
GPA: **3.73**

📖 THESIS

Functional Programming for Systems Software: **Sep 21, 2020**
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.

💼 EXPERIENCE

Software Engineer Intern   **Jan 2019 — Jun 2019**
Akamai Technologies
   • Worked on an AWS data pipeline used for tracking user metrics.
   • Maintained Terraform configurations for the deployment of non-production code.

DevOps Intern   **Jul 2018 — Dec 2018**
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.

Software Engineer Intern   **Jan 2018 — Jun 2018**
XPO Logistics, Inc.
   • Designed and developed a web app from scratch with React.
   • Managed an SQL database with Java.

Software QA Intern   **Jul 2017 — Dec 2017**
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.

</> SKILLS

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