

Edward Hurtig

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EDUCATION

Northeastern University, College of Computer and Information Science Boston, MA 2013-Present
Candidate for a Bachelor of Science in Computer Science 2018. (GPA 3.43)
Honors: Northeastern University's Deans List Fall 2013, Fall 2016
Activities: SpaceX Hyperloop Pod Competitions, ACM, NU Hacks

TECHNOLOGIES

Programming Languages / DSLs:

Core: C, Python, PHP

Familiar: Ruby, Java, Swift, C++, Go, JS, C#, ASP.net, ASP, VB.net, HTML, CSS, SQL

Software & Operating Systems:

Git, Chef, Sublime Text, Eclipse, Visual Studio, MySQL, Filemaker

macOS, Ubuntu 14+, CentOS 7, Mesos, Docker, VMWare, AWS, and OpenStack

WORK EXPERIENCE

COREOS SOFTWARE ENGINEER Apple Core Darwin (2x Co-Ops + Full Time) JAN 2016 - PRESENT

- Designed and implemented an export interface for LLVM profiling data.
- Integrated protocols that enabled reliable data transfer over unreliable mediums to eliminate errors.
- ... other projects pending review

DEVOPS ENGINEER EverTrue (CO-OP) JAN 2015 - DEC 2015

- Developed several chef cookbooks to provision and maintain services including Spark, Jenkins, and Logstash
- Researched, provisioned, and implemented Apache Mesos cluster with Docker support
- Implemented a centralized and horizontally scalable logging cluster provisioned by chef

LEAD DEVELOPER Town of Sudbury Information Systems 2012 - DEC. 2015

- Developed municipal CMS System that runs the next generation of Sudbury's Web Services.
- Consulted on the town's technology infrastructure including core server systems
- Brought Ubuntu Linux to power new projects, including Jira, Confluence, Jenkins, NGINX, & Selenium
- Trained interns for Web Development, Computer Management and Deployment tasks

JUNIOR SYSTEMS ADMINISTRATOR CCIS Systems 2014 - 2015

- Assisted with CCIS Account inquiries
- Assisted development of CCIS Account Creation Web Application and VM Request Web Application (Rails)

A/V SPECIALIST Lincoln-Sudbury Reg. High School 2013 - 2014

- Oversaw all aspects of theatric events including stage lights, sound, and house management
- Worked with event planners and hosts to fill their technical event management needs

PROJECTS

OPENLOOP HYPERLOOP - Software & Controls System Design Lead, Team Co-Lead 2015 to Present

Designed and implemented a RealTime controls system for a prototype Hyperloop pod
Influenced and mechanical & electrical design to improve reliability, testability, safety, and feasibility

CCIS OPEN CLOUD - CCIS Crew Project - Project lead 2014 to 2015

OpenStack Cloud for Northeastern Students, Faculty, and Staff.

PERSONAL VMWARE LAB - Personal Project - Systems Administration & DevOps 2012 to Present

Windows/Linux Cluster, DNS, Active Directory, Chef, Full Web Stack, MySQL, PostgreSQL, SSH Tunneling

THE WORDPRESS PROJECT - Volunteer Contributor 2011 to 2014

Patches in Wordpress Core, Contributions to WordPress REST API

CCIS UNDERGRADUATE EXPERIMENTAL SYSTEMS GROUP (CREW) - Officer 2014 to 2015

Led Digital Display System Server Project & CCIS Open Cloud Project. Rebuilt Network Infrastructure.