

Rainier Harvey

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EDUCATION

Western Washington University, Bellingham, WA
B.S. Computer Science, December 2016
Relevant Coursework: 497E Machine Learning Algorithms, 345 Object Oriented Design, 353 Unix Software Development, 479 Spoken Language Processing, 474 Bioinformatics, 305 Analysis of Algorithms, 367 Computer Networking, 241 Algorithms and Data Structures, 247 Computer Systems, 301 Functional languages, Logic and Set Theory

LANGUAGES AND SKILLS

Languages – Google Go, JavaScript, C, Python, Java
Frameworks – Node.js, Electron.js, Django, jQuery
Databases – SQLite, MySQL, PostgreSQL
Version Control – Git, SVN, CVS
Personal Projects – <https://github.com/euranium>
Research Project – <http://curie.cs.wvu.edu>

EXPERIENCE

Developer Internship – Nordstrom
Seattle, WA | June 2016 - September 2016
– Nordstrom Student Developer Internship
– Developing custom monitoring and visualization tools for AWS server analytics

Developer Internship – Toolhouse
Bellingham, WA | May 2015 - September 2015
– Front and back end web development with Node.js, jQuery, Handlebars, SASS.
– Develop custom desktop web applications with Electron.js
– Backend file management and cloud syncing with Google Go
– Version control with Git

Integrated Life Sciences Research And Development – <http://currie.cs.wvu.edu>
Department of Computer Science, Western Washington University | October 2015 - Present
– First of its kind centralized cloud computing web server to provide research tools and run bioinformatics models, open to the public
– Developed in Golang to host the platform and track concurrent execution of models, sqlite3 to track users, models and results
– Designed, build and assisted in mentoring other teams on several platforms

Ping Pong Web Server <https://pingpongserver.com>
– Full stack ping pong game tracker with Elo ranking system and match history
– Used for tracking WWU CS students ping pong games
– Built with Node.js, SQLite3, Express.js, embedded javascript, CSS3 and run on an Ubuntu server with nginx, TLS 1.2 enabled

ACTIVITIES

- WWU Fall 2014 Hackathon
- Association for Computing Machinery national member
- Association for Women in Computer Science member
- Invent Coworking Startup Challenge
- Western Washington University Startup Club
- USA Swimming, USA Triathlon