

Rainier Harvey

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EDUCATION

Western Washington University, Bellingham, WA

B.S. Computer Science, June 2017

Relevant Coursework: 345 Object Oriented Design, 497E Machine Learning Algorithms, 479 Spoken Language Processing, 305 Analysis of Algorithms, 367 Networking, 241 Algorithms and Data Structures, 247 Computer Systems, 301 Functional languages, Logic and Set Theory,

EXPERIENCE

Languages – JavaScript, Google Go, Python, Java, C

Frameworks – Node.js, Electron.js, Django, Angular.js, jQuery, Backbone.js

Databases – SQLite, Postgresql, Orchestra

Version Control – Git, SVN

Personal Projects – <https://github.com/euranium>

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

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
- Build with Node.js, SQLite3, Express.js, embedded javascript, CSS3 and run on a Ubuntu server with nginx, TLS 1.2 enabled

Teacher Assistant Surveys

- Full stack dynamic survey website to give feedback to WWU TAs
- Store TAs and surveys in SQLite database with data sanitization
- Built with Node.js, SQLite, express.js, embedded javascript, CSS3

Tic-Tac-Var

- Responsive tic-tac-toe game with several variants
- Built with Angular.js, jQuery, HTML5, CSS3

Lifeguard – Vancouver Parks and Recreation Aquatics

Vancouver, WA | June 2010 - September 2014

- CPR, AED, emergency equipment application and first aid training.
- Monitor indoor swimming area, interactions with customers.
- Train new employees in emergency response and general conduct.

WSI Swim Instructor – Vancouver Parks and Recreation Aquatics

Vancouver, WA | June 2010 - September 2014

- Plan and teach swim lessons.
- critique and grade students, communicate with parents.
- Train new employees in teaching, communication with parents and students.

ACTIVITIES

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