

Rainier Harvey

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EDUCATION

Western Washington University, Bellingham, WA

B.S. Computer Science, June 2017

Relevant Coursework: 241 Algorithms and Data Structures, 247 Computer Systems, 301 Functional languages, Logic and Set Theory, 345 Object Oriented Design, 497E Machine Learning Algorithms

EXPERIENCE

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

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

Databases – SQLite, PostgreSQL, Orchestra

Version Control – Git, SVN

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

Web Developer Internship – Toolhouse

Bellingham, WA | May 2015 - September 2015

- Front and back end web development with jQuery, Handlebars, SASS, Node.js.
- Develop desktop web applications with Electron.js
- Backend file management scripting with Google Go

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