

# Rainier Harvey

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## EDUCATION

**Western Washington University**, Bellingham, WA

B.S. Computer Science, June 2017 – Minors: Mathematics

*Relevant Coursework: CS 141 intro to programming, 145 intro to OOP, 241 Algorithms and Data Structures, 301 Functional languages, Logic and Set Theory*

## EXPERIENCE

*Languages – JavaScript, Python, Java*

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

*Databases – SQLite, Postgresql*

*Version Control – Git*

*Personal Projects*

<https://github.com/euranium>

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 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

Substitution System

- Dynamic substitution form submission and accepting site for City of Vancouver Parks and Recreation Aquatics Department
- Built with Django web framework, HTML5, CSS3, SQLite

Tic-Tac-Toe AI

- Computer program that plays tic-tac-toe on three levels of difficulty
- Coded with java

*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

## AWARDS

- International Baccalaurete Diploma
- Swim team captain, most valuable athlete