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Summary

- ❖ I'm interested in web development because it comprises a wide spectrum of technical challenges, ranging from textbook Computer Science problems to design and user experience. Further, it affords an opportunity to gain hands-on experience with a variety of technologies at all levels of the stack (applications, databases, browsers, networks, etc).

Education

University of Puget Sound — Fall 2012 to Spring 2016

- ❖ **Bachelor of Science in Computer Science, Cum Laude**
 - Minor in Mathematics.
- ❖ **GPA: 3.74**
- ❖ **Dean's List**
 - Spring 2015, Fall 2015, Spring 2016
- ❖ **President, Upsilon Pi Epsilon Honor Society**
 - Offered to a small group of Computer Science students each year by department chair.
- ❖ **Edward G. Goman Memorial Scholarship**
 - Computer Science departmental scholarship awarded to four students each year.
 - Faculty-chosen recipients demonstrate an eagerness to learn and academic excellence.

Work Experience

Bartender - Missoula Brewing Company — Summer 2016 to Winter 2016

- ❖ Provided friendly and professional service.

Computer Science Tutor - University of Puget Sound — Fall 2015 to Spring 2016

- ❖ Selected by department to help students learn fundamentals and write code in a one-on-one context.
- ❖ Communicated and explained unintuitive concepts in a clear, concise manner.

Computer Science Teaching Assistant - University of Puget Sound — Spring 2016

- ❖ Answered questions and helped ~25 students during a weekly lab.
- ❖ Provided classroom assistance to professor David Chiu.

Hospital Intern - Kalispell Regional Medical Center — Summer 2012, Summer 2013

- ❖ Educated on HIPAA confidentiality guidelines in order to access electronic medical records.
- ❖ Observed high-stress procedures including open heart surgery, cardiopulmonary resuscitation, and emergency medicine.
- ❖ Assisted physicians and nurses in the cardiac catheterization lab, operating room, and emergency room.

Programming

Selected Code

- ❖ CS 440 — Capstone of Computer Science (Python) • [GitHub repository](#)
 - Independently built a lightweight image classification framework using convolutional neural networks.
 - Interactive Heroku demo available [here](#).
- ❖ CS 431 — Artificial Intelligence (Java) • [GitHub repository](#)

Neat Projects

- ❖ Working on a machine learning program that automatically labels GitHub issues and pull requests.
 - Demo classifier available [here](#) for the Ruby on Rails repository.
- ❖ Helped build a Rails application to use for virtual tours of the University of Puget Sound.
- ❖ Wrote a Django application on a Raspberry Pi to locally control electronics in my house via phone, laptop, etc.
- ❖ Programmed a ray tracer to render simple three-dimensional scenes. I also added reflection, refraction, shadows, and textures.