# Education

## Oregon State University

Applied Computer Science Program  
School of Electrical Engineering and Computer Science

# Links

Github:// [**BennettRand**](https://github.com/BennettRand)  
LinkedIn:// [**Bennett Rand**](https://www.linkedin.com/pub/bennett-rand/51/76a/679)  
Twitter:// [**@Bennett\_Rand**](https://twitter.com/Bennett_Rand/)

# Coursework

## Undergraduate

* Computer Arch. and Assembly Lang.
* Operating Systems I & II
* Software Engineering I & II
* ST/ HCI Research Methods
* Digital Logic Design
* Intro to Usability Engineering
* Computer Org. & Assembly Lang.
* Intro Artificial Intelligence
* ST/ Intro to Info Visualization
* Computer Architecture
* Applied Robotics
* Machine Learning & Data Mining
* Intro to Parallel Computing
* Network Security
* Mobile/Cloud Software Development

# Skills

## Languages

C · C++ · Python · JavaScript  
Assembly (AVR, x86, ARM v6) · SQL  
HTML · CSS · C# · PHP · Java

## Other

MySQL · PostgreSQL · Python NDB  
Microsoft .NET · Google App Engine  
Windows · Linux · Solaris

# Projects

## Dr. Wattson

### Senior Capstone Project (Award- Winning)

#### Fall 2013 – Spring 2014 | http://goo.gl/PqPYvQ

Designed and built a mesh network of power monitors to measure home power usage patterns and help people conserve energy.

# Experience

## Oregon State University EECS

### Undergraduate TA

#### Spring 2012- Spring 2014 | Corvallis, OR

I ran lab sections, graded exams, held office hours, held assignment demonstrations, and graded assignments for multiple classes.

* Spring 2014: CS411: Mr. D. Kevin McGrath
* Winter 2014: CS 271 and CS 311: Mr. D. Kevin McGrath
* Fall 2013: CS 162: Dr. Weng-Keen Wong, CS 311: Mr. D. Kevin McGrath
* Summer 2013: CS 162 and CS 311: Mr. D. Kevin McGrath
* Spring 2013: CS 162: Dr. Jennifer Parham-Mocello
* Winter 2013: CS 162: Mr. D. Kevin McGrath
* Fall 2012: CS 162: Mr. D. Kevin McGrath
* Spring 2012: ECE 152: Mr. Donald Heer

## The Athenian School

### Summer Camp Instructor

#### Summer 2011 | Danville, CA

I taught a Lego robotics course to elementary school children. I designed the course and created the syllabus and lab exercises. We provided hands-on experience with both Lego Mindstorms NXT and RCX, programmed in RoboLab (based upon NI LabView). After starting with basic mechanism design, we finished with a challenge of a line-following maze.

# Awards

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| 2014 | Second Place | Engineering Expo. Industry Award, Oregon State University |
| 2014 | Honorable Mention | Cornell Cup USA, Presented by Intel |
| 2013 | Finalist | Cornell Cup USA, Presented by Intel |
| 2009 | Regional Winner | FIRST Robotics Competition, Silicon Valley Regional |

# References available upon request.