Bennett Rand

http:///bennett-rand.com/
ben@bennett-rand.com | (925)336-0995

EDUCATION

OREGON STATE UNIVERSITY
B.S. COMPUTER SCIENCE
June 2014 | Corvallis, OR
Applied Computer Science Program
School of Electrical Engineering and
Computer Science
Major GPA: 3.32 / 4.0

LINKS

Github:// **BennettRand**
LinkedIn:// **Bennett Rand**
Twitter:// **@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
Strong:
C • C++ • Python • JavaScript
Assembly (AVR, x86, ARM v6) • SQL
HTML • CSS
Familiar:
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

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.