Stephanie McCumsey

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EXPERIENCE

Front-End Developer, *Imagination International Inc.*

Eugene, OR, February 2017 – Present

· Built a chat system for students to message with a moderator in an online classroom
· Supported custom development request for external company tools
· Spearheaded a code review process amongst development team

Teaching Assistant, *Department of Computer Science, University of Oregon*

Eugene, OR, September 2015 – December 2016

· Led weekly discussions to help students complete their python programming exercises (Fall 2016, Intro to Programming and Problem Solving)
· Implemented distributed algorithms using MQTT messaging protocol (Spring 2016, Software Engineering)
· Graded problems related to stream processing with Apache Spark (Winter 2016, Big Data)
· Helped students program a Raspberry Pi in Python and graded homework assignments (Fall 2015, Intro to Data Science)

Summer Intern, *Department of Computer Science, University of Oregon*

Eugene, OR, Summer 2016

· Developed a website using Django for university students learning programming

Lab Assistant, *Department of Neuroscience, University of Oregon*

Eugene, OR, September 2012 - June 2015

· Designed procedural experiments and presented my findings at lab meetings for review

Undergraduate Research Fellow, *Howard Hughes Medical Institute Janelia Research Campus*

Ashburn, VA, Summer 2014 and Summer 2015

· Optimized a machine learning algorithm for locating and tracking fluorescing muscles in *D. melanogaster* larvae

EDUCATION

B.S. in Computer Science (minor in Mathematics), *University of Oregon 2016*

COMPUTER SKILLS

Languages

· Python, JavaScript, HTML, CSS

Software/Frameworks/Libraries

· Django, Vue JS, Google Firebase, Git, JIRA