

Matherin M. Langley

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PERSONAL PROJECT

March 2016

Dictionary Look-up

- Extended a school project that required a ternary search tree to be built and used to sort a version of the Oxford dictionary in Java
- Added a graphical user-interface to allow the user to search and select words in real time
- Modified the search algorithm to check for misspellings and add suggested words when the user hit "Enter"

EDUCATION

B.S., Computer Science with a minor in Mathematics

Expected June 2017 Western Oregon

University, Monmouth OR

- GPA: 3.48
- Mickey Riley Scholarship winner

June 2013

PROFESSIONAL EXPERIENCE

Software Implementation Intern

June 2016 – September 2016

Fast Enterprises, Denver CO

- Responsible for completing solution requests sent from the client to on-site developers through strong communication with Business Analysts and debugging of problematic code
- Trusted with a large summer project to create an interface to make synchronization of new core components more efficient and streamlined
- Maintain safe programming practice when testing and implementing code into a production environment
- Learned efficient techniques to approach unfamiliar code and systems

Peer Career Advisor

September 2013 – June 2016

Service Learning and Career Development, Western Oregon University

- Responsible for organizing and managing multiple calendars and setting appointments
- Assisted students in finding a job or internship through our job board website
- Critiqued student's resumes and cover letters to better prepare them for their job search
- Utilized time management skills to help organize numerous events aimed at student development

COMMUNITY INVOLVEMENT

Byte Club Presidency Member

June 2015 – Present

Western Oregon University, Monmouth OR

- Strive to create a welcoming and helpful community amongst the Computer Science department
- Attend weekly socials where the entire department is invited and provide tutoring to computer science students of all levels
- Responsible for maintaining the club's social media pages and making sure all students are informed of our services and events
- Organize guest industry speakers and fundraise for industry tours within the Computer Science field each term