Michael Russell

CS Major

(Senior)

Check out my website portfolio: https://michaelrussell4.github.io/

Michael Russell
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Knowledge & Skills

- Competent and experienced in the following subjects:
    - Object-oriented, recursive, and parallel programming
    - Agile methodology--working as a member of a scrum team
    - Logical structures such as matrices and Boolean polynomials
    - 3D animation
    - Sorting algorithms
    - Amazon Web Services (AWS), including S3, EC2, Lambda, and DynamoDB
    - Relational Database Systems (RDBMS) and NoSQL
    - Data structures such as hash tables, lists, and trees
    - Mathematics in statistics, calculus, and linear algebra
- **Programming Languages:** *C++, *C#, *Java, C, JavaScript, Python, SQL, VBA
- **Other Languages and Subjects:** HTML, CSS, Node.js, Blender 3D, Agile--Scrum
- **Communication:** Functioning as a team member in app development environment in both professional and academic fields, customer service, and volunteer work have given me experience in listening, understanding, and effectively communicating with others.
- **Organization:** Finding ways to organize processes in order to reduce constraints and optimize efficiency.
- **Versatility:** Having strong curiosity and being a passionate learner, I have been driven to learn and participate in various subjects and activities, making me a very versatile and well-rounded person.

* I am most fluent in these languages

Education

Weber State University Associate's in Applied Science
DEC 2017, Ogden, UT

Weber State University Associate's in Science
DEC 2017, Ogden, UT

Weber State University Bachelor's in Computer Science (Senior)
Currently attending, Ogden, UT

*Will graduate spring of 2019

Experience

Hill Air Force Base/ Computer Science Intern
JULY 2018 - current, Clearfield, UT

Worked as a member of a scrum team doing web development and other projects involving 3D design and mobile app development.

BlossomTree Software (internship)/ Mobile App Development
APR 2018 - JULY 2018, Ogden, UT

Worked with a team developing a mobile app from the ground-up; e.g., brainstormed app ideas, created flow charts, mockups, SRS documentation, and began back-end development on app, including setting up database through AWS and integrating with app. Also spent time doing minor web development.

Computational Structures/ Teacher's Assistant
JAN 2018 - APR 2018, Weber State University, Ogden, UT

This class focuses on logical, mathematical structures and systems including formal languages, matrices, state machines, etc.

USA Cash Services/ Account Improvement
DEC 2015 - APR 2018, Ogden, UT

Exeter Finance/ Funding Specialist
SEP 2015 - DEC 2015, Layton, UT

Awards, Extracurricular Activities, & Service

Awards: Eagle Scout Award, Comcast Leaders and Achievers Award, Presidential Service Award (2009, 2010, 2011, 2012)

Extracurricular Activities: Regional Ethics Bowl Tournament (2016); WSU Jazz Band Ensemble (2016, 2017); WSU Chess Club (2016); WSU Philosophy Club (2016)

Service: Presidential Service Award (2009, 2010, 2011); West Point City Youth Council: Head Chairman (2009), President (2010, 2011, 2012); Performing at Benefits Concert (2015), Black Scholars Dinner (2018), Jazz at the Station (2018), and various other events

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