Andrew Thompson

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Summary

Looking for a position to grow as a software engineer and a professional. My favorite part of work is using new tools and technologies to solve unsolved problems.

Qualifications

- Proficiency in Java, C++, R, Javascript and Python
- Senior status at the University of Wisconsin - Milwaukee (WUM)
- Produced and Programmed an Optically-Based Hand-Held Pathogen Sensor

Education

JANUARY 2017 - PRESENT (GRADUATION: MAY 2020)

University of Wisconsin – Milwaukee – *Computer Science*

SEPTEMBER 2013 - APRIL 2015

Milwaukee School of Engineering – *Software Engineering*

Skills

Programming

- Additional experience in Lua, Basic, SML-NJ, Scala, MIPS assembly, and others
- I tutor Java, R, Calculus, and volunteer through Girls Who Code at UWM

Software Process

Currently using and experienced in Agile development, Scrum, and have done Test Driven Development.

Experience

MAY 2018 - PRESENT

University of Wisconsin – Milwaukee – *Lab Researcher*

Programmed an optically-based hand-held pathogen sensor from prototype to product. This includes publishing papers on the sensor and related works. I presented my group's research to the Governor of Wisconsin, multiple conferences, and international partners.

Keywords: big data, sensor, image processing, full-stack

Award Winning Research

11th UWM Undergraduate Research Symposium, Milwaukee, WI, April 5, 2019. Oral Presentation. **Ribbon recipient for Outstanding Presentation.**

11th CEAS Poster Competition. Milwaukee, WI, April 27, 2019. Oral Presentation. **2nd Place Undergraduate Category and Mike Krauski Award Nominee.**