

George Black

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EDUCATION

University of Wisconsin – BA in computer sciences, expected May 2018

Coursework: Algorithms, Data Structures, Artificial Intelligence, Operating Systems, Machine Organization, Discrete Mathematics

SKILLS

Programming: Java (Fluent), C (Moderate), Python (Minimal), Ruby (Minimal)

Web Development: HTML, CSS/SCSS, JavaScript, Node.js, React, Jekyll, MongoDB, Express, Webpack

EXPERIENCE

Capital One Financial Corporation June 2017 - August 2017

Software Engineering Intern

- Designed full stack web app providing metrics on software in development and production
- Created and deployed dashboard to monitor issues in production and alert developers
- Utilized APIs of development tools such as Git, Splunk, Jenkins, and SonarQube

DoIT Software Training for Students, Madison WI January 2015 - May 2017

Student Manager

- Rebuilt infrastructure for creating and distributing course curriculum to over 11,000 students/year
- Led a small team of student employees in rewriting 52 software manuals in three months
- Improved accessibility of curriculum by creating a custom web UI for distribution

Software Trainer

- Educated students and faculty by teaching over 80 classes on advanced software topics
- Designed and led custom workshops requested by faculty and campus organizations
- Provided one-on-one project consultations with professors and graduate students

Office of the Governor – State of Wisconsin, Madison WI May 2016 - August 2016

Communications Intern

- Streamlined database management by introducing Microsoft CRM
- Reorganized and cleansed media outlets and media contacts database
- Created graphics used in press releases and news publications

PROJECTS

BadgerNet – Ruby on Rails web app to be used by UW-Madison women's rowing team for athlete tracking

Run Visualizer – Java program that uses GPX data to create visual artwork of running routes

ORGANIZATIONS

Greater University Tutoring Service – Volunteer tutor for new computer science students at UW-Madison

Leopold Elementary Catapult Club – Leader at a local computer science club for elementary school students

Urban League of Greater Madison – Schools of Hope tutor for local middle school students

National Speech and Debate Association – Local team captain and national competitor

HOBBIES

Ballroom dance, distance running, sailing, performance photography