Jesse Akes

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Summary

A sophomore Computer Science and Mathematics student at the University of North Carolina at Chapel Hill proficient in Java and Python. Experience in data manipulation and web development.

Education

University of North Carolina at Chapel Hill   Expected May 2019

- Bachelor of Science in Computer Science
- Bachelor of Science in Mathematics
- GPA 3.73

Leadership Experience

- HackNC Fundraising Committee Lead - managed company sponsorships   2016-2017

Relevant Coursework

- Data Structures, Computer Organization and Design
- Calculus 1 - 3, Discrete Mathematics

Work Experience

Department of Computer Science, UNC - CH (Chapel Hill, NC)   January 2016 – Present
Undergraduate Learning Assistant, COMP 110 – Intro to Programming

- Part of 35-member team to maximize student success for those with no prior programming experience
- Hold regular "office hours" to assist students with concepts and programming assignments
- Contribute to the creation of appropriate difficulty programming assignments

Projects

RESPC Solar Energy Dashboard (Python/Flask/HTML/CSS)   August 2016

- Wrote a web crawler to scrape solar array production data from a public facing portal due to lack of direct access to data
- Implemented a web app with Flask to display the collected data for the UNC Renewable Energy Special Projects Committee in the Graham Student Union

Skills

Languages   Python, Java, R, HTML/CSS
Other Technologies (Arch and Debian-based) Linux, Git