Ahadu Yeheyis

(Looking for Full Time)

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Contact Info
Address: 8502 Cassia Tree Ct 201B, Tampa, FL 33614
Cell: (813)534-9255
Email: ayeheyis@andrew.cmu.edu
Personal Website: http://www.andrew.cmu.edu/user/ayeheyis/index.html

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Education

Carnegie Mellon University(2013-2017)

Bachelors of Science in Computer Science

Minor in Math

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Relevant Courses

Parallel Architecture
Topics: GPU, CUDA, Scheduling, Cache Coherence, Synchronization, SIMD, ILP, DLP

Web Applications
Topics: Scalability, Performance, Databases, Security, Concurrency, Deployment

Software Engineering
Topics: Software Process, Agile, Requirements, Static/Dynamic Testing

Software Construction
Topics: Patterns, OOP, Design, Libraries, Frameworks, Testing, Distributed Systems

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Work Experience

Software Engineering Intern, Software Engineer Institute(Summer 2016)
- Implemented an interactive map web app (D3, ASP MVC)
- Wrote a python script to automate sending emails based off of excel files

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Projects

(2016) Parallelizing Heat Method
Optimized the heat method for calculating geodesic distances by writing a parallel linear solver obtaining a 5.17 speedup on a 6 core machine.

(2016) Apollo
Developed a medical device that allowed volunteers to take basic information and a picture of disaster victims and sent that information to a web app where doctors can diagnose and sort patients.

(2015) Character Battle
Created a web application with a partner using the Django Framework that allowed users to create characters, get attributes, and challenge other users into an argumentative battle.

(2015) CustomCalc
Developed an android app with a team of two using Java that allows teachers to create a customized calculator and share it with students. Used Git for VC and used Parse as a server and database.

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Skills

Extensive: Java, Python, C
Proficient : HTML/CSS, JS, C++