

Gradey Cullins

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Objective

Seeking a Computer Science internship.

Education

Park City High School (graduated May 2013)

University of Utah (2013 - present) – junior in Computer Science

Relevant courses:

- **CS 2100** (Discrete Mathematics) – Combinatorics and probability, Boolean algebra / logic, number theory, proofs (inductive, pigeonhole, proof by contradiction);
- **CS 3500 & 3505** (Software Practice 1 & 2) – Building large scale software projects using C# in Visual Studio (3500) and C++ in QT and CLI environments (3505). Both courses involved in depth usage of remote database interconnectivity powered by MySQL;
- **CS 4150** – (Algorithms) – in-depth analysis of divide and conquer, graph, and greedy algorithms;
- **CS 4400** (Computer systems) – x86-64 architecture and high-level design, x86-64 assembly reading/writing, systems programming in C, network programming in C;
- **CS 4480** (Computer Networks) – OSI stack, sockets, proxies, firewalls, network programming;
- **CS 4530** (Mobile Application Programming) – Extensive Android mobile programming;
- **CS 5530** (Database Systems) – Data modeling using relational and object-oriented approaches, design and constraints and of database.

Skills

- web technologies including HTML5, CSS3, Javascript, AngularJS, NodeJS
- years of experience developing on macOS, Windows, and Linux
- familiarity with modern software development strategies and processes
 - o agile group software development using sprint and waterfall methodologies
 - o unit and regression testing

Summary

My experience at the University of Utah has truly fostered my appreciation for innovation, abstraction and lifelong learning. With my skills in software development, I have an ultimate confidence in my potential to be both an asset wherever I am employed and a sociable and integrated player within any work environment.