
Sidney Durant

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Education

Georgia Institute of Technology, Atlanta, GA

August 2013 - May 2017

- B.S. Computer Science: Artificial Intelligence and Theory concentration
- Honors program member
- Overall GPA: 3.63

Relevant Coursework:

- CS: CS 1332 Data Structures, CS 2200 Systems and Networks, CS 2340 Objects and Design
- AI: CS 3600 Intro to AI, CS 4641 Machine Learning, CS 4476 Computer Vision
- Theory: Advanced Algorithms, Combinatorics, Discrete Math, Graph Theory, Statistics

Work Experience

Software Engineering Intern at Microsoft, Seattle, WA

May 2016 – August 2016

- Worked on Microsoft Exchange Server to develop conditional content tracing, which lets on-call employees debug content corruption issues found in production
- Wrote C# to trace both the changes made to an email and information about what components made the changes

Software Development Intern at Bloomberg, LP, New York City, NY

May 2015 – August 2015

- Worked on an alerts and notifications system that integrated into an existing codebase to notify users of important events in their trading workflow
- Wrote C++ that monitored an in memory cache and accessed a database to send alerts in accordance with user settings
- Implemented front end javascript to allow users to opt into alerts

Computer Vision Engineer at Silverbait, Coalmont, TN

May 2014 – August 2014

- Developed a computer vision sorting system from the ground up to separate good and bad produce using LabView

Contributor at Envato, Australia [remotely]

June 2013 – July 2013

Skills

Programming Languages: Java, C++, Python, C# [proficient], Javascript, C, ARM assembly

Programming Tools/Libraries/etc: Git, cmd, bash, vim, JQuery, Junit, UML, XML, JSON, SQL, Labview

Software: Windows, Linux, Autodesk Suite, Unity, Netbeans, Eclipse, Android Development Studio

Computer Science Concepts: Data Structures & Algorithms, Database design, Agile development (SCRUM), Objects and Design, Computer Organization & Programming, Artificial Intelligence, Binary Morphology, Supervised/Unsupervised/Reinforcement Learning, Computer Vision, Graph Theory

Mathematics: Calculus (I-III), Linear Algebra, Numerical Methods, Discrete Math, Probability & Statistics, Combinatorics, Graph Theory, Probabilistic Methods

Languages: English, French [fluent]

Activities and Leadership

Director and Founding Member at HackGT:

February 2014 – Summer 2016

- Helped found HackGT and organize Georgia Tech's first two national scale ~800 attendee hackathons

First place Winner at HackGSU

October 2016

Major League Hacking MVP Organizer Award

August 2014

Treehacks Local Business Hack prize winner

February 2015

Hack Shanghai Ambassador

Fall 2014

Eagle Scout

February 2013 – present