
Sidney Durant

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Education

Georgia Tech – Masters in Computer Science – Atlanta, GA *August 2017 – Dec 2018*

- Computational Perception and Robotics specialization

Georgia Tech – Bachelors in Computer Science – Atlanta, GA *August 2013 - May 2017*

- Artificial Intelligence and Theory concentration
- Honor's program member
- Highest Honors: 3.65 GPA

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

Salesforce – Software Engineering Intern – San Francisco *Summer 2017*

- Ported an SLA tracking system to Salesforce's Lightning UI using Aura – a multi-tier component framework that uses JavaScript, XML & CSS for the front end and Java for the back end

Microsoft – Software Engineering Intern – Seattle *Summer 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

Bloomberg – Software Engineering Intern – New York City *Summer 2015*

- Worked on a customizable alerts and notifications system to notify users of important events in their trading workflow
- Wrote C++ that monitors an in memory cache and accesses a database to send alerts in accordance with user settings. Implemented front end JavaScript to allow users to opt into alerts

Silverbait – Computer Vision Engineer – Coalmont, TN *Summer 2014*

- Developed a computer vision sorting system to separate good and bad produce using LabView

Skills

Programming Languages & Tools: Java, C++, Python, C#, JavaScript [proficient], C, ARM assembly, Git, cmd, bash, vim, JQuery, Junit, UML, XML, JSON, SQL, LabView

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 three 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*