

# Sidney Durant

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## Education

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- Georgia Tech – Masters in Computer Science** – Atlanta *August 2017 – Dec 2018*
- Computational Perception and Robotics specialization
- Georgia Tech – Bachelors in Computer Science** – Atlanta *August 2013 - May 2017*
- Artificial Intelligence and Theory concentration
  - Honor's program graduate
  - 3.65 GPA (Highest Honors)
- 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

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- Georgia Tech – Graduate Teaching Assistant for Computer Vision** – Atlanta *Fall 2017*
- Teaching CS 6476 students computer vision – feature detection, image classification, scene understanding and more – by creating & grading assignments and holding office hours
- 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*
- Wrote an event driven C# system that traces changes made to emails and info about what components made the changes to help on-call employees debug content corruption issues on Microsoft Exchange
- Bloomberg – Software Engineering Intern** – New York City *Summer 2015*
- Built the foundational C++ code of a highly customizable alerts and notifications system designed to notify users of important events in their trading workflow in accordance with their settings
- Silverbait – Computer Vision Engineering Intern** – Coalmont, TN *Summer 2014*
- Developed a computer vision sorting system to separate good and bad produce using LabView

## Skills

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- Programming Languages & Tools:** Java, C++, Python, C#, JavaScript, 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

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- 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*