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# Sidney Durant

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## Education

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**Georgia Institute of Technology**, Atlanta, GA

*August 2013 - May 2017*

- B.S. Computer Science
- Artificial Intelligence and Devices concentration
- Honors program member
- Overall GPA: 3.43,
- Major specific GPA: 4.0

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## Skills

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**Programming Languages:** Java [proficient], JQuery, Javascript, C, ARM assembly, SASS, CSS3, HTML5, Python, FXML

**Programming Tools:** Git, cmd, Netbeans, Eclipse, Android Development Studio, LabView, Sublime

**Software:** Windows, Linux, Word, Excel, Powerpoint, Autodesk Suite, Unity

**Computer Science Concepts:** Data Structures & Algorithms, Agile development (SCRUM), Objects and Design, Computer Organization & Programming, Artificial Intelligence, Binary Morphology

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

**Languages:** English, French [fluent]

**General:** Communication, Leadership, Desire to learn

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## Work Experience

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**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
- Interfaced Digital I/O boards to an external camera for data collection, and to a series of pneumatic valves to sort produce with millisecond accuracy

**Contributor at Envato**, Australia [remotely]

*June 2013 – July 2013*

- Wrote a programming tutorial explaining “Goal Based Vector Field Pathfinding”
- Researched and coded an optimized pathfinding algorithm to be used by tens of thousands of particles

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## Activities and Leadership

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**Director of Operations at HackGT:**

*February 2014 – present*

- Helped raise \$250,000+ to run Georgia Tech’s first national scale hackathon
- Organized logistics and set up for the 800 person event
- Won most valuable organizer award, courtesy of Major League Hacking

**Hackathon App Developer at Simplify**

*January 2014*

- Helped build an Android app that was downloaded 8,000 times in 5 days

**Hack Shanghai Ambassador**

*Fall 2014*

- Recruited for Hack Shanghai: China’s largest international hackathon

**Eagle Scout**

*February 2013 – present*

- Learned leadership skills through my involvement in Troop 14