# ─── Sidney Durant ────────────────────────────────────────────────────────────────

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# ─── Education ─────────────────────────────────────────────────────────────────────────

**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

# ─── Skills ──────────────────────────────────────────────────────────────────────────────

# **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

# ─── Work Experience ─────────────────────────────────────────────────────────────────

**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

# ─── Activities and Leadership ────────────────────────────────────────────────────────

**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 Samplify** *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