RYAN SOEDJAK

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EDUCATION

Candidate for B.S. in Computer Science, GPA: 4.00
Georgia Institute of Technology

- 📅 August 2017–Present 📍 Atlanta, GA
- 📅 Expected Graduation: May 2021

Study Abroad: Hong Kong University of Science and Technology
- 📅 Fall 2019 📍 Hong Kong

Study Abroad: Southern University of Science and Technology
- 📅 Summer 2018 📍 Shenzhen, China

EXPERIENCE

AWS Software Development Intern
Amazon

- 📅 Summer 2020 📍 Virtual Remote
- Created database tool to aggregate log data from Cloudfront edge locations into a singular database
- Worked with Java, SQL, and AWS APIs

Teaching Assistant
Georgia Institute of Technology

- 📅 Summer 2019 📍 Atlanta, GA
- MATH 3215: Probability & Statistics

PROJECTS

CADe
Georgia Institute of Technology

- 📅 Fall 2020–Present
- Currently developing interconnected Android, iOS, and Windows tools to increase user input bandwidth when using CAD software
- Performed extensive market research by interviewing over 100 engineers; Developed MVP; Filed a provisional patent
- Won Georgia Tech CreateX Capstone; Awarded $4000 grant by Georgia Tech StartUp Launch; Advanced to Inventure Prize Semi-finals

ME 2110 Mechatronics Robot
Georgia Institute of Technology

- 📅 Fall 2018
- Built a robot that competes against others to execute certain mechanical tasks in an arena
- Team Leader in charge of prototyping, electrical components, programming, and report writing
- Placed 5th out of 59 teams

SKILLS

Programming & Software

Python   Java   MATLAB   SQL
HTML   CSS   LabVIEW   IDA Pro
Ollydbg   LaTeX   Solidworks

Relevant Coursework

Machine Learning   Deep Learning
Game AI   Advanced Algorithms
Database Systems
Reverse Malware Engineering
Linear Algebra   Abstract Algebra
Probability & Statistics   Number Theory
Game Theory

Languages

English (Fluent)   Indonesian (Beginner)
Japanese (Beginner)

LEADERSHIP

Volunteer Math Tutor

- 📅 2013–2017 📍 Springfield, MO
- Taught Algebra, Number Theory, Combinatorics, Geometry, Trigonometry, and Calculus to local middle and high school students to prepare for math competitions

COMPETITION AWARDS

🏆 **Google Games Atlanta**
2018: 4th Place Team

🏆 **Mercer Spring Programming Competition**
2018: 6th Place Team

🏆 **William Lowell Putnam Competition**
2017: Top 30%