

RYAN SOEDJAK

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St. Charles MO, USA

rsuedjak

el-ectric

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

- Held office hours and graded assignments for MATH 3215: Probability & Statistics

PROJECTS

CADe

Georgia Institute of Technology

Fall 2020–Present

- Currently developing interconnected Android 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 Final Round

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 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%