

## POOYA NAYEBI

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### EDUCATION

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**Georgia Institute of Technology, College of Computing**

**Atlanta, GA**

**Bachelor of Science in Computer Science**

December 2021

- Concentrations: Artificial Intelligence and Information Internetworks

GPA: 3.77/ 4.00

- Coursework: Data Structures & Algorithms, Object-Oriented Programming, Objects and Design, Computing Organization and Programming, Systems and Networks, Combinatorics

**Oxford University, Mansfield College**

**Oxford, England**

- Completed 12 credits while travelling to 14 different European countries

May 2019 - August 2019

### EXPERIENCE

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**Georgia Institute of Technology, College of Computing**

**Atlanta, GA**

**Teaching Assistant: Objects and Design (CS 2340)**

May 2020 – present

- Assisted professor in educating 300 students on software engineering design principles and Agile methodologies
- Led presentations on the fundamentals of version control (git) and hosted 3 hours of weekly office hours
- Evaluated student exams and projects focusing on object-oriented design and professional Java practices
- Interviewed and assessed potential candidates based on technical knowledge and communication ability

**Georgia Institute of Technology, School of Electrical and Computer Engineering**

**Atlanta, GA**

**Research Assistant**

May 2017 – August 2017

- Worked in the Microelectromechanical Systems Lab to assist with testing of bulk acoustic wave gyroscopes
- Developed program in C for ARM microcontroller to configure 20-bit DAC using SSID
- Constructed a precision voltage source with 1-ppm accuracy that increased the accuracy of gyroscopes by 20%
- Assisted other researchers with testing of accelerometers for over 20 hours/week

### PROJECTS

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**Space Trader Game – Project Leader**

Fall 2019

- Led a team to develop market-based game involving back-end Java development and object-oriented design
- Developed UI and utilized learning techniques to scale code and add features iteratively with SCRUM framework
- Organized team meetings and assigned responsibilities to team members while directing the use of version control

**Android App for Trimble Inc.**

Summer 2018

- Designed app using Java and Android Studio for Trimble's railroad safety clients
- Composed the user interface to give authorized railroad companies the ability to check their latest data
- Saved over 30 minutes between hazard detection and notification per incident

### LEADERSHIP/ STUDENT ORGANIZATIONS

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**Fraternity of Phi Gamma Delta (FIJI)**

**Atlanta, GA**

**Social Events Coordinator**

January 2019 – Present

- Oversaw \$50,000 budget per semester to coordinate social and school-wide events
- Communicated and collaborated with vendors and artists to ensure optimal allocation of budgets and assets
- Led preparation and planning for events of over 1,000 guests

**Data Science Georgia Tech**

**Atlanta, GA**

**Member**

August 2019 – Present

- Attended weekly 90-minute workshops on the fundamentals of data science for 9 weeks
- Gained skills in Machine Learning, Tableau, Scikit Learn, Pandas, and Jupyter Notebook
- Leveraged knowledge to create models that provided data driven decision justifications

### SKILLS

**Programming:** Java, Python, C, JavaScript, HTML, CSS, Git

**Languages:** English (native), Spanish (proficient), Farsi (proficient)

**Volunteer:** The whY, Boys and Girls Clubs of Atlanta, For the Kids, Tutoring