

## 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** May 2022  
• Concentrations: Artificial Intelligence and Information Internetworks GPA: 3.76/ 4.00  
• Coursework: Data Structures & Algorithms, Object-Oriented Programming, Objects and Design, Computing Organization and Programming, Systems and Networks, Combinatorics

### EXPERIENCE

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**American Express** **Fort Lauderdale, FL**  
**Incoming Software Engineering Intern** Starting June 2021

**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 justifications using sample data sets

### SKILLS

**Programming:** Fluent in Java, Git; Proficient in C, Python; Familiar with HTML, CSS, JavaScript  
**Languages:** English (native), Spanish (proficient), Farsi (proficient)  
**Volunteer:** The whY, Boys and Girls Clubs of Atlanta, For the Kids, Tutoring