

KOBY BEARD

22 Timor Sea • Newport Coast, CA 92657 • 949-945-3081 • kobybeard@gmail.com

EDUCATION

Georgia Institute of Technology

Atlanta, GA

Bachelor of Science in Computer Science

May 2023

Concentrations: Intelligence & People

GPA: 4.0

Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Intro to Artificial Intelligence, Objects & Design, Intro to UI Design

Awards / Honors: Dean's List (All Semesters)

WORK EXPERIENCE

Check Point Software Technologies

Tel Aviv, IL

Software Engineering Intern

June 2021 — July 2021

- Implemented Python-based unsupervised machine learning to automatically analyze log files at a rate of 17 MBps (5000 log files per hour) in order to detect anomalies and errors
- Responsible for entire life cycle of a mini-project including idea phase, research, proof-of-concept, development, deployment and support which speeds up QA's debugging time by 50%
- Built application through agile software development under Endpoint Security client group in the R&D department

Clean Cover Startup @ Duke University

Durham, NC

Pitch Competition Product Manager

July 2018 — August 2020

- Developed innovative airplane tray table cover to reduce direct contact by 100% and reduce clean up time by 50%
- Placed 2nd in competition against 16 other groups based on pitch/presentation skills at Duke's Global Technology Entrepreneur summer program. Received \$200 prize money which contributed towards a feasibility patent search
- Interfaced with airlines, manufacturers, and lawyers to explore project practicability

PROJECTS

Zeal (User Interface Design Project)

Atlanta, GA

Team Member

August 2021 — Present

- Iteratively developed prototype to help college students foster relationships based on mutual interests
- Employed user-centered design techniques such as interviews, surveys, user scenarios, personas, task analysis, storyboards, sketches, and UI critiques

Future Technology in Sports (Georgia Tech Vertically Integrated Project)

Atlanta, GA

Team Member

January 2020 — April 2020

- Assembled basketball shooting sleeve with Arduino board and BNO055 smart sensors to record human shot motion
- Received Collaborative IRB Training Initiative (CITI) certificate for Human Research (Biomedical Research Investigators and Key Personnel)
- Project intended to enable players to improve shot form but program suspended due to COVID

LEADERSHIP

United in Harmony, Camp Harmony (Volunteer Organization)

Los Angeles, CA

Camp Counselor

February 2017 — February 2019

- Residential camp counselor for 12 at-risk, underprivileged youth ages 7-11 in Los Angeles
- Consulted kids about problems at home, organized activities, facilitated group bonding

SKILLS/INTERESTS

Programming Languages: Python, Java, JavaScript, Swift, C, HTML, CSS

Concepts: Agile Development

Affiliations: Data Science at Georgia Tech (Club)

Interests: Artificial Intelligence, Human-Computer Interaction, Security, Innovation