Ian P Boraks

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Objective

A current computer engineering major that has developed strong problem-solving skills and has gained software/hardware development skills in team-based environments through multiple professional experiences.

Education

Georgia Institute of Technology | Atlanta, GA   *August 2022 – Present*
Bachelor of Science in Computer Engineering, GPA *None* (First Year Student)   Expected Graduation, May 2026

Colorado School of Mines | Boulder, CO   *August 2020 – May 2022*
Non-Degree Program Undergrad with 15 Credit Hours, GPA 3.80

Arapahoe Community College | Littleton, CO   *August 2018 – May 2022*
Non-Degree Program Concurrent Enrollment with 47 Credit Hours, GPA 4.00

Skills

Programming: Java, Python, C#, JavaScript, Dart, Flutter, HTML, CSS/SASS/SCSS
Platforms: Linux (Ubuntu, Debian, Arch), Windows (Consumer, Server), MacOS
Software: SolidWorks (CSWE-MD), VSCode, Xcode, Microsoft Suite, GitHub/Git, Unity, Affinity Photo
Communication: Design proposals, technical reports, documentation, presentations (large and small audiences)
Languages: English (native), Spanish (beginner)

Experience

Lockheed Martin (LM) | Littleton, CO   *March – August 2021*
VR/AR Software Development Intern
Lockheed Martin is a global security and aerospace company that is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products, and services.
- Developed a multi-user AR-based application to view 3D models on a 1:1 basis, providing high-level descriptions of model components. The project was showcased to multiple high-level military and industry personal including the Executive Vice President of Lockheed Martin Space. C#, Swift, Objective-C, and Unity were utilized for the project.

The 3D Printing Store (3DPS) | Centennial, CO   *July 2019 – October 2020*
Student Intern
3DPS utilizes cutting edge 3D printing technology to create parts with desirable material properties. 3DPS brings rapid prototyping to engineers, designers and entrepreneurs from aerospace engineers to hair stylists.
- Used SolidWorks to design parts for both in-house and customer projects. Utilized SolidWorks Drawing Tools to deliver professional sketches to clients for review.

Certifications

SolidWorks: Holder of a Certified SolidWorks Expert (CSWE-MD) certification as well as a CSWPA-SU/SM/DT/WD and the CSWA Advanced Additive Manufacturing certification.
TestOut: Passed exams for PC Pro Certification (CompTIA A+ cert.) as well as Network Pro Certification (CompTIA Network+ cert.).

Awards

MIT iQuHACK   *Fall 2021*
iQuHACK (interdisciplinary Quantum HACKathon): MIT's annual quantum hackathon
The aim of iQuHACK is to bring students from a diverse set of backgrounds to explore applications of near-term quantum devices.
- Finished 1st for the gate-based division of MIT's Quantum Hackathon, successfully guided the team to create a clear and concise output for the program as well as coordinated GitHub history corrections and code efficiency efforts.

Activities

RotorJackets | Atlanta, GA   *Aug 2022 – Present*
Junior Racer & FPV Drone Builder
- Tested and assembled First Person View (FPV) race drones while competing on the RotorJackets collegiate drone racing team.

GT Off-Road | Atlanta, GA   *Aug 2022 – Present*
Data Acquisition and Electrical Subteam Member
- Implemented telemetry tools into Off-Road's All-Terrain Vehicle as well as worked to help improve radio communications

CyberPatriot | Highlands Ranch, CO   *Aug 2015 – May 2022*
Peer Instructor & Student Mentor
- Developed a curriculum to teach middle/high school students about cybersecurity best practices and how to strengthen the security of Linux and Window based operating systems.

Technology Student Association (TSA) | Denver, CO   *Aug 2015 – May 2022*
Experienced Competitor & Student Mentor
- Competed nationally in multiple multi-disciplinary events including CAD Design, Underwater ROV, Video Game Design.
- Held multiple office hours for new competitors where they could ask questions and receive help/feedback on there projects.