IAN BORAKS

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INTRODUCTION

Passionate, hard-working, quick learner who excels in computer-based studies and works well in teams.
Has developed strong skills in CAD software and has a passion for additive manufacturing and design.

EDUCATION

STEM School Highlands Ranch (Including Concurrent Enrollment at Arapahoe CC)   **Graduation: May 2022**
GPA: 4.41 | UWGPA: 3.93
College Courses (CE): Comp Tech I/II, Comp Net I/II, CAD Solidworks, Additive Manufacturing, AC/DC
AP Courses: Human Geography, Calculus AB, Physics 1, Physics C, Government & Politics

Colorado School of Mines   **Guest Student 2020-22**
Calculus I, Calculus II, Calculus III, Differential Equations

HONORS/AWARDS

CyberPatriot   **2015-2022**
HS-2021: XIII, 5th place Colorado, 64th place nationally [with 4801 competitors]
HS-2020: XII, 7th place Colorado, 84th place nationally [with 3630 competitors]
HS-2019: XI, 3rd place Colorado, 30th place nationally [with 3293 competitors]

Technology Student Association (TSA)   **2018-2022**
HS-2020: Catapult Design, 1st place; Computer Integrated Manufacturing (CIM), 1st place

High School Distinguished Honor Roll   **2018-2022**
Colorado HS Athletic Association Academic All-State First Team [Tennis]   **2020-2022**
MIT iQuHACK - MIT's Quantum Hackathon [1st place gate-based division (QriKET)]   **2021**
Rensselaer Polytechnic Institute Medalist   **2021**

CERTIFICATIONS

SolidWorks
Certified SolidWorks Expert (CSWE-MD)
CSWP Advanced Surfacing (CSWPA-SU)
CSWP Advanced Sheet Metal (CSWPA-SM)
CSWP Advanced Drawing Tools (CSWPA-DT)
CSWP Advanced Weldments (CSWPA-WD)

SolidWorks Continued
Certified SolidWorks Professional (CSWP)
CSWA Additive Manufacturing (CSWA-AM)
TestOut
PC Pro Certified
Network Pro Certified

ACTIVITIES

CyberPatriot – Leader/Elected Team Captain   **2015-2022**
Tennis – Junior Varsity and Varsity at Chatfield High School   **2018-2021**
Technology Student Association (TSA)   **2017-2022**
Ultimate Frisbee Club – Co-Founder   **2019-2022**
Secretary for Math Honor Society (MHS) & Member of Spanish Honor Society (SHS)   **2019-2022**
Founding Member of Computer Science Honor Society (CSHS)   **2021-2022**
Future Business Leaders of America (FBLA)   **2021-2022**

VOLUNTEER WORK

Integrated Family Community Services (IFCS) – Ready, Set, Go Back to School! Program   **2015-2022**
Altitude Youth Ultimate (AYU) – Score keeper, timekeeper, and statistics keeper   **2019-2022**
Make4Covid – Maker [3D printing] – Fabricated >350 pieces of PPE for health care workers   **2020**

WORK EXPERIENCE

Team member at *Chick-Fil-A* [Front of House: POS and guest interaction]   **2019-2020**
Lockheed Martin (LM) Software Development Intern   **2021**
Developed an AR-based application to view 3D models on a 1:1 basis, providing high-level descriptions of model components. Expanded capability which allowed connection to a multi-peer, infinitely expandable network. 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.

PROFESSIONAL DEVELOPMENT

Internship at *The 3D Printing Store* [3D printer service and design consulting]   **2019-2020**
Participant in the Junior Space Entrepreneur Program (JSEP)   **2020**
iD Tech Academy – Advanced Python Coding with Machine Learning and Cryptography   **2020**
Qubit x Qubit – Introduction to Quantum Computing with IBM Quantum presented by MIT   **2020-2021**

HOBBIES AND INTERESTS

Technology: Building/refurbishing systems, designing with CAD, and 3D printing for fun
Sports: Tennis, Skiing, Ball Golf, Ultimate Frisbee, Disc Golf, and Table Tennis