

EDUCATION

University of Colorado Denver

B.S. Computer Science - 3.5 GPA
Denver, CO | Spring '17

Valencia College

Associates of Arts
Orlando, FL | Summer '11

TECHNICAL SKILLS

C / C++ · Java · Python
HTML · CSS · JS · PHP · Git
3ds max · mental ray
Fusion 360 · Inventor
3D Printing · Photoshop

COURSEWORK

Embedded Systems
Foundation of Computer Systems
(NAND to Tetris)
Cybersecurity Programming
Java Applications
Shaders and GPU
Data Structures
Database Applications
Computer Architecture
Numerical Analysis
Hardware-Software Interface
Discrete Structures
Logic Design

LINKS

LinkedIn [linkedin.com/in/csmith105](https://www.linkedin.com/in/csmith105)
Github github.com/csmith105

EXPERIENCE

CU Denver, Learning Resource Center | Tutor

August '15 – January '16 | Denver CO

- Lectured two-hour group study labs weekly for freshman through junior level Computer Science subjects
- Held individual tutoring sessions for students in need of additional educational resources through CU Denver's LRC

Web Startup 'Logistics' | Lead Programmer

May '13 – September '13 | Littleton CO

- Led effort to prototype web application 'Logistics' which aimed to revolutionize the trucking industry's information management needs

Harris Corporation – Robotics Lab | Intern

Summer '09 | Melbourne FL

- Led three-person team to develop a stair-climbing robot built from commodity components for reconnaissance and/or disaster recovery using Pro/ENGINEER

PROJECTS

Schedule Planning Application | API Developer

Fall '16 – Spring '17

- Web application allowing local businesses to manage their contacts, schedules and availability collaboratively in real-time with clients as well as offer services to customers within an online marketplace

Maze Solving Robot | Lead Designer

Spring '17

- Led student team to design and develop an inexpensive 3D printed maze solving robot

ACTIVITIES

FIRST & VEX Robotics | Mentor

Fall '10 – Present

- Mentored various FRC, FTC, VEX, and VEX U teams
- Event manager / AV tech in various events

Boy Scouts of America | Life Scout

1996 – 2006

- Mentored various FRC, FTC, VEX, and VEX U teams
- Ten years of various volunteering work