

## EDUCATION

### Carnegie Mellon University

M.S. Software Engineering  
Mountain View, CA | Expected May '18

### 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 · SolidWorks  
3D Printing · Photoshop  
Linux Systems Administration

## 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](https://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
- Colorado FIRST Central Denver Qualifier - 2017 Outstanding Volunteer

### Boy Scouts of America | Life Scout

1996 – 2006

- Order of the Arrow Brotherhood
- Ten years volunteering work