

Education

University of Virginia, Graduate School of Engineering

MCS: Masters of Computer Science, GPA: 3.6

- MTA For Graduate Databases Course

Charlottesville, Virginia
Aug 2018 - Dec 2019

University of Virginia, College of Arts & Sciences

BA: Bachelor of Arts in Computer Science, Minor: Studio Arts, Miller Arts Scholar, GPA: 3.52

- Study Abroad:
 - **Seoul National University:** Fall Semester Exchange, 2017
 - **Korea University:** International Summer Program, 2016

Charlottesville, Virginia
Aug 2014 - May 2018

Linguistics: Bilingual in English and Persian (Farsi), Advanced Korean fluency

Activities: K-Edge Dance Crew (2016-2019), Persian Cultural Society (2014-2019), Miller Arts Scholars (2015-2018)

Experience

Booz Allen Hamilton: Summer NASA Games Developer

Summer Intern: NASA Contract

- Developed an updated beta interface for the NASA POWER application
- Adhered and practiced UI/UX guidelines to carefully design a user-friendly UI
- Gained experience working with clients, working in an agile team, and shadowed other developers

Hampton, Virginia
July 2019 - Aug 2019

Technical Skills: Python, Agile Development, Java, UI/UX, HTML, CSS, JavaScript, Bootstrap, Figma, Web Applications. Github, Django, Bootstrap

NASA Langley Research Center (LaRC): Software Developer

Summer Intern: Computational Studies in Hypersonic Aerothermodynamics

- Developed a specialized GUI for complex in-house NASA software
- GUI and project results currently in use at the Aerothermodynamics branch at LaRC
- Presented research, and internship-long project to 30+ NASA branch employees

Hampton, Virginia
June 2017 - Aug 2017

Technical Skills: Java, UI/UX with appropriate research, Adobe Suites (Photoshop, XD)

University of Virginia: Resident Advisor (RA)

Resident Advisor for First Year Areas

- Provided academic, mentorship, emotional, and extracurricular support to 21 incoming students
- Trained in crisis management, conflict resolution, and mediating conflict

Charlottesville, Virginia
Aug 2016 - May 2017

Skills: Leadership, mentorship, communication, problem solving, time management

McPherson Design Group: Web Developer/Designer

Summer Intern

- Designed and developed the previous website for the company and provided photoshop services

Norfolk, Virginia
May 2016 - June 2016

Technical Skills: Adobe Suites (Photoshop, Muse), web development, UI/UX, Usability, HTML, JavaScript

Projects

Hack to the Future: Express-O (Hackathon Honorable Mention)

Apr 2019

- Developed an Android Application focused on developing a convenient, sustainable way for coffee on-the-go with QR codes
- Took leadership over a team of beginner coders to deliver a UI/UX presentation, along with a separate functional application

Technical Skills: Android Studio, Mobile Applications, Python, UI/UX, Adobe XD, leadership, presentation

Machine Learning for Virginia: Clean Water for Virginia

Dec 2018

- Used Machine Learning and Python to discover patterns which often indicate the overall health of
- Water in order to run an Independent analysis of the water reservoir health around Northern Virginia
- Created an engaging video using Adobe Suites which was chosen as one of the top 8 out of 32 video entries
- Co-Wrote a paper, and created live HTML maps to report findings from the project

Technical Skills: Machine Learning, Python, Data processing, Databases, Adobe Suites (Photoshop, Premiere), HTML, CSS, Bootstrap

LazyWalker

Nov 2018

- Developed an Android Watch application using Android Studio (Java) which takes advantage of sensors to indicate the fastest walking path by comparing previously walked paths that the user took, considering slopes and odd routes through a simple formula

Technical Skills: Android Studio, Java, UI/UX, API, project planning, testing, data, usability