

# Parima Sahbai

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United States

## Education

### University of Virginia, Graduate School of Engineering

MCS: Computer Science, GPA: 3.6

- Expected graduation: December 2019

Charlottesville, Virginia

Aug 2018 - Present

### University of Virginia, College of Arts & Sciences

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

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

Charlottesville, Virginia

Aug 2014 - May 2018

## Skills

- Computer Science:** Python, Java, C++, C#, Amazon AWS, Android Studio, HTML, JavaScript, PHP, Bootstrap, Swift (iOS), MySQL, Docker, Django, Git, Machine Learning, Cloud Computing, Web Applications, Unity, Mobile Applications, UI/UX, Figma, Sound Design, HCI, Adobe Suites (Photoshop, Illustrator, Muse, Premiere, XD), Logic Pro
- Linguistics:** Bilingual in English, Persian (Farsi), Advanced Korean fluency

## Work Experience

### Booz Allen Hamilton: Summer NASA Games Developer

Summer Intern: NASA Contract

- Developed an updated beta interface for the NASA POWER application (Python, Javascript, HTML, CSS)
- 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

### NASA Langley Research Center (LaRC): Software Developer

Summer Intern: Computational Studies in Hypersonic Aerothermodynamics

- Developed a specialized GUI for complex in-house NASA software (Java)
- 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

### 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

### McPherson Design Group, P.C: Web Developer/Designer

Summer Intern

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

Norfolk, Virginia

May 2016 - June 2016

## Projects

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

Apr 2019

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

### 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

### LazyWalker

Nov 2018

- Developed an Android Watch application using Android Studio (Java) which takes advantage of sensors to indicate the fastest walking path and compare previously walked paths that the user records through a simple formula

## Activities

### K-Edge Dance Crew (Member, Editor (2017-2018))

Sept 2016 - Present

### Persian Cultural Society (Member, Publicity Chair (2016-2017))

Sept 2014 - Present

### Miller Arts Scholars at the University of Virginia (Member, Marketing Chair (2016-2017))

Sept 2015 - May 2018