Parima Sahbai
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Education

University of Virginia, Graduate School of Engineering   Charlottesville, Virginia
MCS: Master of Computer Science, GPA: 3.6   *Aug 2018 - Dec 2019*
- MTA For Graduate Databases Course

University of Virginia, College of Arts & Sciences   Charlottesville, Virginia
BA: Bachelor of Arts in Computer Science, Minor: Studio Arts - Miller Arts Scholar, GPA: 3.52   *Aug 2014 - May 2018*
- Study Abroad:
  - **Seoul National University:** Fall Semester Exchange, 2017
  - **Korea University:** International Summer Program, 2016

Linguistics: Bilingual in English and Persian/Farsi, Advanced Korean fluency (25 credit hours)

Activities: K-Edge Dance Crew (2016-2019)*,* Persian Cultural Society (2014-2019)

Experience

Booz Allen Hamilton: Summer NASA Games Developer   Hampton, Virginia
Summer Intern: NASA Contract   *July 2019 - Aug 2019*
- 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

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

NASA Langley Research Center (LaRC): Software Developer   Hampton, Virginia
Summer Intern: Computational Studies in Hypersonic Aerothermodynamics   *June 2017 - Aug 2017*
- 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

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

University of Virginia: Resident Advisor (RA)   Charlottesville, Virginia
Resident Advisor for First Year Areas   *Aug 2016 - May 2017*
- Provided academic, mentorship, emotional, and extracurricular support to 21 incoming students
- Trained in crisis management, conflict resolution, and mediating conflict

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

McPherson Design Group: Web Developer/Designer   Norfolk, Virginia
Summer Intern   *May 2016 - June 2016*
- Designed and developed the previous website for the company and provided photoshop/photography services

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

Projects

Hack to the Future: Express-O   *Apr 2019*
Hackathon Honorable Mention
- Developed an Android Application focused on developing a convenient, sustainable way for coffee on-the-go using 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 Photoshop and Premiere, and 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, databases, Adobe Suites (Photoshop, Premiere), HTML, CSS, Bootstrap

LazyWalker   *Nov 2018*
- Developed an Android Watch application using Android Studio (Java) which took 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 and management, testing, data, usability