Bella Brahm

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EDUCATION

CARNEGIE MELLON UNIVERSITY
BS, Electrical and Computer Engineering
Graduated May 2018 with University Honors

EXPERIENCE

MICROSOFT | Program Manager, Application Control
August 2018 - Present | Redmond, WA
- Technical Program Manager working on Operating System Security spanning Windows, Linux, and IoT.
- Leading design, user research, project management, and usable documentation creation in the application control space. Collaborating with teams throughout the company to design and implement a consistent application control experience across Microsoft's offerings.
- Lead efforts to design and implement Microsoft's first secure Linux signing solution.
- Orchestrated creation of a vision whitepaper detailing Microsoft's IoT security strategy.

MICROSOFT | Software Developer Intern
Summer 2017 | Redmond, WA
- Worked alongside a Program Manager intern on Base Kernel team to plan and prototype a user-facing Hyper-V container feature.
- First experience collaborating with a UX designer and participating in a structured design process.

DIGITAL REASONING | Software Engineering and NLP Intern
Summer 2016 | McLean, VA
- Company doing cognitive computing work with government agencies and NGOs.
- Worked with a small team designing software to determine short text similarity.

NASA LANGLEY / NIA | Morpheus Lab Apprentice
Summer 2013 | Hampton, VA
- Worked on streamlined ornithopter (unmanned mechanical flapping-wing vehicle) design.
- Modified and improved CAD drawings in SolidWorks and created parts by rapid prototyping.

PROJECTS

THIS WALL IS A TOUCHSCREEN | Senior Capstone
Spring 2018 | Carnegie Mellon
- Team jerry-rigged a Kinect's depth stream and projector setup to turn a wall into a touch screen monitor.
- Demo allowed users to play Candy Crush by tapping and drawing with their finger.

LEADERSHIP EXPERIENCE

MICROSOFT | Head of Local Culture Club
February 2019 - Present | Redmond, WA
- Started a grassroots culture club to build community, encourage healthy communication, and center the needs of marginalized teammates.
- Personally gave a brownbag on respecting diverse pronouns in the workplace.

LANGUAGES

PROGRAMMING
C • PowerShell • XML • C# • Go • Java
Matlab • ARM Assembly Language

SPOKEN
Limited proficiency: Spanish
Beginner: Arabic