




# BAILEY BROOKS

in baileybrooks  bailey  baileybrooks@me.com  baibrooks.com

## EDUCATION

University of Central Florida  
B.S. Computer Science 2019

## SKILLS

### PROGRAMMING LANGUAGES

Java (4 years)  
C (3 years)  
C# (1 year)  
HTML (2 years)  
CSS (2 years)  
C++ (<1 year)  
Haskell (<1 year)  
Python (<1 year)  
Kusto Query Language (2 years)

### SOFTWARE

Adobe Creative Suite  
Unity  
Microsoft SQL Server  
ARCore / Sceneform  
Vuforia

### RELEVANT COURSEWORK

Security in Computing  
Algorithms and Data Structures in C  
Algorithms and Data Structures in Java  
Object-Oriented Programming  
Computer Logic and Organization  
Computer Architecture  
Discrete Structures  
Artificial Intelligence  
Web-based Information Technology  
Computer Graphics  
Database Systems  
Functional Programming  
Operating Systems  
Systems Software

## EMPLOYMENT

### Microsoft Corporation

Product Manager - Visual Studio App Center May 19 - Current

- Owner of CoreUX: Led component design to optimize workflows for developers using our product.
- Owner of Analytics: Drove strategy of the service throughout pivotal org changes by conducting customer interviews and establishing a roadmap for the future.
- Owner of Accessibility: Ensured App Center met accessibility compliance requirements, so that the product was intuitive to all. Worked with service area owners to plan accessibility tests, set up bug reporting, and design intuitive fixes.
- Focus on onboarding: Focused on customer development by interviewing developers, performing cognitive walkthroughs, and designing features based on these conclusions.

Product Manager Intern - Visual Studio App Center May 18 - Aug. 18

- Introduced a standardized A/B testing workflow for the App Center team. Led the comparative analysis of experimentation tools, and then worked with Optimizely and our engineering team to onboard.
- Worked across teams with other PM's to develop A/B tests to determine what features our team should pursue. Concept tests were backed up with quantitative user data.
- Investigated and reported on Microsoft's internal analytics tools to drive strategy of our mobile analytics service

Product Manager Intern - C++ Libraries Management Program May 17 - Aug. 17

- Worked on integrating the VCPkg C++ libraries tool as a GUI within Visual Studio.
- Conducted customer interviews, developed workflows, and created UI mockups.
- Triage features based on feasibility for the developer and importance to the customer.

Software Development Engineer/Program Manager Intern - Enterprise & Security May 16 - Aug. 16

- Created an automated system to monitor customer-reported bugs in Microsoft Edge and report possible zero-day exploits to the Security and Edge teams (C#, MSFT SQL Server).
- Developed a spec illustrating the breadth of the tool's functionality, workflow, and timeline for development.
- Designed and implemented an end-to-end API for a command line tool utilizing Microsoft SQL Server.
- Applied internal Microsoft tools such as Azure Machine Learning and Cloud Services to apply heuristics to better understand the severity of the reported issue.

## PROJECTS

Computer Vision/AR Menu Restriction Assistant Aug. 18 - May 19

- Developed a database-backed website + mobile app to discover food options according to their dietary restrictions by pointing their camera at a menu, thus prompting AR annotations to appear over the items that meet their dietary restrictions.
- Personally built the computer vision component. Developed in Java, making use of ARCore libraries to develop a front-end AR app for the customer, and a restaurant-focused app where the employees annotate their menus in AR.

CV Maker Aug. 17 - Dec. 17

- Developed JavaScript single page web application to generate CVs with different themes.
- Led the planning of the tool, including the concept of operations, project management plan, and biweekly scrum for our team along with designing + building the front-end user interface and CV template designs using HTML.

## VOLUNTEERING

Google Developer Group Central Florida Dec. 18  
Volunteer

- Volunteered and attended the GDG DevFest in Orlando
- Networked with tech professionals and attended talks about Android development focusing on ARCore

Anita B.org Institute for Women and Technology Oct. 17  
Grace Hopper Celebration Hopper

- Volunteered at the three-day conference designed to give women in computing the opportunity to network and connect with others in the field
- Worked eight-hour shifts throughout the three-day conference with duties such as mic running, crowd control, check-in tables and room monitoring

## ACTIVITIES

Association of Computing Machinery for Women Aug. 18 - May 19

- Mentored five freshmen studying computer science or information technology at UCF. Set up meetings and office hours to advise career planning, resume preparation, and answer questions regarding courses such as Computer Science 1, Intro to C Programming, Object-Oriented Programming, and Intro to Discrete Structures
- Marketing committee member: focused on digital design, photography, and wrote articles for our blog