Jayden G. Sadettan

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Education

The University of Washington Seattle, WA
September 2015 – Present

- U.W STARS Engineering Program
- Department: **Computer Science & Engineering**
- ACM Richard Tapia Celebration of Diversity in Computing 2018 Attendee
- Dubhacks 2017 Participant
- Sigma Nu, Gamma Chi: Risk Reduction Chairman
- Greek Navs active member.

Employment

T-Mobile Software Engineer Intern, Snoqualmie WA
June 2018 - Present

Tier 2 Diagnostic Systems, Technology
- Creating automation testing to have a continuous customer experience on all flagship devices, Samsung S9 and iPhone X.
- The results are written and tracked using Grafana and Influx.
- Automation testing uses REST API through commands using Perfecto, a third-party product for mobile device testing.
- Final product will be used across all T-Mobile markets and devices to ensure phones are healthy and running correctly.

Microsoft Explorer Intern, Redmond WA
June 2017 - September 2017

Windows Core Dev, DEP R&D
- Assigned to create a new native XAML control for app developers to use within UWP apps.
- Served as a Product Manager and talked to Microsoft's Office, Edge, and Xbox teams to see if they could adapt my control in their present UWP apps.
- As a Product Manager, ensured the control was accessible to all. Worked with keyboard and narrator teams to highlight functionality.
- As a Developer, took ownership on creating Unit Test to ensure the control's API, touch, and accessibility worked.
- Created a final presentation that showed the pros and cons of making a new XAML control to an executive of the Windows department.

University of Washington, Seattle WA
March 2016- January 2017

F.I.G (First-year Interest Group) Teacher, First Year Programs.
- Instruct first-year students about university resources & the college experience.
- Develop lesson plans & personalized curriculum.
- Maintain relationships with mentors and other FIG leaders.
- Developed communication, leadership, and public speaking skills through training.
- Encouraged a strong work ethic while making sure all of my students were successful.

Microsoft High School Intern, Redmond WA
June 2015 - August 2015

Learning Experiences Team (LeX)
- Helped facilitated multiple Hour of Code session, focused on showing kids the fundamentals of coding.
- Guided teachers across the U.S on how to use CS50 with Harvard. Oversaw how to teach the A.P CS50 curriculum.
- Designed test for Microsoft's Touch Develop curriculum on various browsers to ensure quality control and instructional consistency.
- Designed an outline for a potential Network Security Course for Microsoft Virtual Academy.
- Created a student persona highlighting how a student interest in hardware and devices can lead into developing an affinity for computer science.

Microsoft's O.E.M HP Sales and Marketing
- Specialized in HP Products, such as Tablets, Laptops, and all in one desktops.
- Device Manager; installed Windows 10 on hundreds of devices and shipped internationally for the Windows 10 launch event.
- Monitored/managed the HP Knowledge booth at S4 Business Conference.

Skills & Projects

Languages
- Java (Mastery), Python (Proficiency), C, C#, Bash, Ruby, Haskell, Prolog, Racket, Verilog.

Software
- Eclipse, PyCharm, Git, Visual Studio, Putty.

Concepts
- Data Structures & Parallelism, Assembly and Machine Code, Statistics, REST, API documentation and development, cooperative development and product management.

Projects
- Pi Girl2: A Handheld gaming emulator made with a Raspberry Pi 3, holds 300 games.
- PiPhone: A cell phone that can receive and make calls made with a Raspberry Pi 3 and a GSM module. Currently implementing a way to send an emergency text message.

Achievements

- Recipient of the Paul G. Allen Full Ride Scholarship to the ACM Richard Tapia Celebration of Diversity in Computing 2018
- Recipient of the U.W Eileen Bjorkman Term Scholarship in Computer Science & Engineering 17-18.
- Recipient of the Washington State Opportunity Scholarship.
- Recipient of the Washington State Achievement Council College Bound Scholarship.
- Highline School District Featured Alum of January 2016.