Jacob Kilby
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Education

University of Michigan
Bachelor of Science, Computer Science, Graduation Spring 2019
- Relevant Coursework – EECS 485 (Web Systems), EECS 388 (Intro. Comp Security), EECS 376 (Foundations of Comp. Sci.), EECS 370 (Intro to Computer Organization), EECS 281 (Data Structures and Algorithms)

University of Washington
- First Year, GPA: 3.33

Tesoro High School

Previous Experience

Nextgen Healthcare, Irvine California   *Jun - Aug 2017*
Software Engineering Intern
- Developed a skill for Amazon Alexa allowing Alexa to interface with the JIRA issue tracking software using Java and Amazon Lambda.
- Developed a web application using Angular and Amazon DynamoDB that interface allowed the development teams to package software remotely.
- Presented an overview of the skill and application and demonstrated the potential productivity gains to the R&D team and leadership, including the organization VP and the SVP, R&D.

Utrip, Seattle Washington   *Jun - Aug 2016*
Software Engineering Intern
- Developed a search engine in Java for a collection of tagged objects using Apache Solr
- Created a presentation to explain how the search engine works. Presented to the entire company with the goal of having people on who aren't developers understand the technical parts of the system

Tutor at CCPrep, Laguna Hills California   *Oct - April 2015*
- Tutored multiple students per week in a variety of subjects
- Worked effectively with a team of tutors ensure that every student received better grades

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Additional Skills and Interests

Computer Skills
Strong C++ and Java skills, C, Python, React, developing and using REST APIs, HTML, CSS, Angular, Amazon DynamoDB, Amazon Lambda, JavaScript, SQL, Agile, bash, Linux
Leadership and Activities
AEPi Fraternity - Executive Board Position, Social Chair
Tesoro Madrigals Choir - Member
Tesoro Madrigals Choir Spain Tour Group - Member
Tesoro Water Polo and Swim Team - Member
Misc
Scuba Certified, conversational in Italian, cooking, skillful Catan player, video game modding