

# Diego Raigoza

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1545 Winkle Drive  
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## EDUCATION

**Santa Clara University, Santa Clara, CA**  
Bachelor of Science in Computer Science, Minor in Math

Expected Graduation: December 2019

**Related Coursework:** Object-Oriented Programming, Logic Design, Data Structures, Community Based Engineering Design, Discrete Mathematics, Computer Organization and Embedded Systems, Ethics in the Digital Age, Computer Networks, Theory of Algorithms, Calculus, Theory of Automata and Formal Languages, Operating Systems, Linear Algebra, Probability and Statistics, Cryptography, Programming Languages, Database Systems

## SKILLS

**Languages:** C, C#, CSS, C++, Java, Python, Assembly, HTML, Scala, SQL

**Operating Systems:** Windows, Linux, Mac OS

**Applications:** Visual Studio, PyCharm, EmBitz, Microsoft Word, PowerPoint and Excel, Xcode, Eclipse

## PROJECTS

*Kendall's Bees:* Collaborated with a team of 3 to build a continuous solar power source for an in-hive bee camera located on top of the Redwood City Public Library. Utilized a Raspberry Pi, a Secure Socket Shell, Virtual Network Computing, Charge Controller, and Buck Converter.

*Packet Sniffer:* Worked with a team of 4 to create a web-based application that captured packets on a given network and parsed them into a JSON file. The information was then intelligently presented to the user to provide a real time activity log of network activity.

## WORK EXPERIENCE

**CloudCoin, Chico, CA**

**June 2018 – September 2018**

*Software Engineer*

- Developed and tested a Skill Development Kit (SDK) for the CloudBank, and accordingly updated the SDK with the evolving CloudBank
- Assisted in integrating CloudCoin into the BitShares exchange
- Worked in C# and Python

**Chico Men's Rugby Website, Chico, CA**

**June 2018 – September 2018**

*Website Developer*

- Demonstrated attention to detail by maintaining an evolving list of changes for chicomensrugby.com
- Redesigned the entire site and presented the extensive developments to the club
- Worked in HTML

## LEADERSHIP EXPERIENCE

**Special Olympics, Santa Clara, CA**

**February 2019 – Present Day**

*Basketball Coach*

- Taught special needs youth and adults the fundamentals of basketball
- Promoted proper behavior including courtesies and safety

## ACTIVITIES

*Underclassmen Representative/Member:* SCU's Maker Club, 2016 – Present

*Member:* Association of Computing Machinery, Society of Hispanic Professional Engineers, Intramural Softball Team, Intramural Basketball Team, Men's Softball Team