

Diego Raigoza

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Permanent Address
1545 Winkle Drive
Chico, CA 95926

EDUCATION

Santa Clara University, Santa Clara, CA

Expected Graduation: December 2019

Bachelor of Science in Computer Science, Minor in Math

Related Coursework: Object-Oriented Programing, 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