

Jeremy Cruz

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Professional Summary

Computer Science and Engineering student offering skills in software engineering. Ability to implement algorithms of utmost efficiency and accuracy. Experienced in programming various software in numerous languages. Great passion to solve problems through coding with a team who aims to positively impact their workspace and community.

Skills

Fluent Programming Languages

- C/C++
- Java
- Python

System Organization

- ARM Assembly
- GDB/ Debugging

Networking

- TCP/IP Programming
- Troubleshooting
- Network command scripting

Operating System Familiarity

- Windows
- Macintosh
- Linux/UNIX
- DOS
- Solaris

Leadership Experience

- Manager of Church's Chicken
- Coordinator
- Student Mentor

Work History

Church's Chicken (Shift Manager) 2012 – 2015

- Took initiative to program automated accounting and inventory tracking tasks

Professional Involvement

1. Society of Asian Scientists and Engineers
 - Serves to promote diversity and create involvement to develop future engineers
2. Engineers for a Sustainable World
 - Collaboration of engineers who build large-scale devices for global sustainability

Hands-on Projects and Experience

1. Wrote accounting programs related to work at Church's Chicken
2. Data structure implementations (Hash Table, Binary Trees) in C/ C++
3. Linked list implementation of database with non-volatile input
4. Applied data structures for BCD style calculation of infinite digits
5. Stats calculator applet in Java released via web page
6. Implemented scripts for network troubleshooting and maintenance

Education

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| 1. University of California, San Diego | B.S. CSE (In progress) | 2014 - present |
| 2. Samuel F.B. Morse High school | High school diploma | 2008 - 2011 |

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References

Oscar Hernandez (Church's Chicken General Manager): (619) 479-7555; 1164@bahinc.com

Luis Ortega (Church's Chicken Technical Maintenance): (619) 479-7555; lmox@gmail.com