

Geno C. Diaz

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Education:

University of California, Irvine:

Bachelor of Science, Computer Science

- Dean's Honors List

Graduation June 2016

GPA 3.2

Fullerton Junior College, Fullerton:

General Education

August 2010 - May 2014

Experience:

Applied Medical, Rancho Santa Margarita (Intern)

July 2015 - August 2015

- Independently created a web application module to work with company software using JavaScript/JSON/HTML/CSS and Google Polymer framework
- Utilized open source code to parse specially formatted Excel documents for their table data
- Converted data collected into JSON objects compatible with company software
- Documented both module software requirements and module testing procedures

Scholastic Exhibitions

March 2011 - March 2013

- Lectured on the Collatz Conjecture at the Pacific Coast UGrad Mathematics Conference
- Presented research findings on effects of U.S. oil consumption and its alternatives at the HTCC Student Research Conference

Base Two, Fullerton (Club)

January 2014 - October 2014

- Created practice phone applications to familiarize with the mobile frameworks and identify real world uses of in class lessons
- Tutored community college students in Computer Science topics
- Tested focus groups to obtain a real world value of potential products

Academic Projects, UCI

October 2014 - Present

- Implemented multithreaded processes to create concurrent operations
- Created Client-Server programs to communicate and transfer data via network sockets
- Simulated CPU job sorting algorithms to identify efficiency of throughput vs. turnaround rate
- Structured databases and queries to efficiently store and reference entries

Course Work:

- Data Structures, Advanced Java programming, Databases, C Programming, Principles in System Design, Operating Systems, Programming in C/C++, Computer Organization, Information Retrieval, Computer & Network Security, Project in Artificial Intelligence, Machine/Data Mining

Kappa Sigma Brother:

August 2014 - Present

- Raise funds for charity through periodic philanthropies

Skills:

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|--------|----------------|----------------|----------|---------------|
| C/C++ | Java | Javascript | Ruby | Python |
| JSON | CSS/HTML | MySQL | Assembly | Vim |
| GitHub | Eclipse Studio | Android Studio | Xcode | Visual Studio |