Ricky Diaz Gomez

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Seeking internship in software development for Summer 2018

EDUCATION

University of Michigan College of Engineering,
Ann Arbor, MI — *B.S.E. Computer Science, Minor in Philosophy*
CLASS OF 2020

PROJECTS

kappathetapi.com — *Front-end Developer*
JANUARY 2018- PRESENT
- Collaborated on a team of ten to improve both front and back end of website
- Planned timeline to transition current website over to a MERN stack over the next few months

Shot Bot — *Project Manager*
JANUARY 2017 - DECEMBER 2017
- Managed a team of five members to develop an embedded system project which created an arcade machine game using a Raspberry Pi which automatically dispensed drinks
- Designed a mockup of the physical arcade machine

Derivative Calculator — *Engineering Lead*
JUNE 2017
- Developed a C++ program to perform the derivative of any polynomial function user inputted
- Provided invaluable assistance to calculus workload
- Reinforced knowledge of string manipulation and the C++ Math library

ACTIVITIES

Kappa Theta Pi, Professional Technology Fraternity,
Ann Arbor, MI — *Technical Development Team Member*
SEPTEMBER 2016 - PRESENT
- Consult with Michigan's top Engineering and SI students to construct a collaborative environment for courses, thought intensive projects, and professional development

Computer Organization & Data Structures and Algorithms,
Ann Arbor, MI — *Personal Tutor*
JANUARY 2018 - PRESENT
- Tutored student one-on-one, explaining and demonstrating concepts, methods, and underlying ideas through concise, step-by-step instructions

MLead, Ann Arbor, MI — *Student Leader*
AUGUST 2016 - SEPTEMBER 2016
- Facilitated the move-in of almost five hundred students to ensure a timely and successful transition

PROGRAMMING LANGUAGES

Proficient in:
C++, C

Familiar with:
Python, MATLAB, React.js, React Native, HTML, CSS

COURSES

Completed:
Data Structures and Algorithms, Computer Organization, Program & Data Structure, Discrete Mathematics, Ethics

Currently Enrolled:
Foundations of Computer Science, Minds and Machines

GENERAL SKILLS

Spoken Languages:
English, Spanish

Operating Systems:
Windows, macOS, iOS, Linux