Quinn K. Tenorio

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Skills

Technological

C++, Java, Javascript, HTML, CSS, Git, MATLAB, Linux, LaTeX, NodeJS, Express, Mongo, PostgreSQL, R Studio, MIPS, Microsoft, Apple, Adobe Suite, Google App Suite, Solidworks

Interpersonal

Excellent communication, well organized, punctual, exceptional technical writing and presentation, creative thinker, team player, strong work ethic, flexible, attentive to detail

Leadership

Undergraduate Student Government

Student Body President

- Represent student body of 4500+
- Support 25 Student Senators
- Foster positive campus-wide change
- Plan and chair weekly meetings
- Consult regularly with Mines senior administration, faculty and staff
- Launched 'Digger Drive' safe ride program through joint efforts
- Oversee management of $50,000 budget and financial planning

Mines Maker Society

Publicity Director

- Coordinated social media outlets to enhance student awareness and involvement

Rotaract Club

- Volunteer each month to community service events around Golden/Denver area

Awards & Other

- CS@Mines PATHS Pilot Scholar
  - One of five pilot scholars to shape newly funded program. Actively recruiting prospects and select new scholars
- Dean's List
  - Above 3.5 GPA five semesters
- Honor Roll
  - Above 3.0 GPA six semesters

Education

Colorado School of Mines / Golden, CO B.S. May 2019

Computer Science 3.72 Major - 3.56 Cumulative

- Computational and Applied Mathematics Minor
- Relevant coursework: Data Structures, Algorithms, Operating Systems

Experience

Jeffco Public Schools / Lakewood, CO July 2018 - Present

Business Technology Intern

- Implement HTML/CSS interface for an employee recruitment system
- Attend and participate in weekly agile meetings
- Support other development teams in day-to-day duties
  - PeopleSoft database patches, server testing

Mines Operations Research / Golden, CO May 2018 - Present

Optimization Developer

- Create a C++ program to produce a feasible solution to a continuous casting problem
- Implement a custom algorithm, the kickball model, to increase optimization of the solution
- Provide data files for feeding into AMPL solvers

Mines Computer Science / Golden, CO May 2016 - Dec 2016

Department Intern

- **CS101 Lead TA:** Designed overall course, developed assignments, coordinated with team of 5 TA's, built semester schedule, managed course grades of ~320 enrolled CS students; around 10 hours/week
- **DECTech Lead:** Supervised instructors of robotics enrichment camps (grades 6-9), taught coding basics, implemented coding & robotics labs, developed programs to explain importance of computer science
- **STEM/CS Administrative Support:** Performed outreach events and completed deadline-driven tasks

Projects

Mines CS Field Session Summer 2018

- Develop optical character recognition web application using ExtJS, HTML, and CSS within 5 weeks, around 20 hours/week
- Use Linux to build the product from a remote location
- Learn and implement external libraries, such as Tesseract.js
- Lead agile/scrum development with other team members and clients
- Present a completed product within 20 minutes to the clients
- Complete side projects related to computer ethics and coding skills

Mines Cambodian Land Mine Project Fall 2015

- **Research:** collected background information, structured logistics, performed cost analyses, analyzed core problem, coordinated with 5 teammates to devise workable tech solution to diffuse land mines
- **Design & Construct:** created prototypes, structured mechanisms/subsystems, evaluated technologies
- **Presentation:** promoted functioning prototype & explained overall design to faculty/industry panel