Erik Enriquez

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EDUCATION

Cornell University, College of Engineering

Ithaca, New York

Master of Engineering, Operations Research & Information Engineering – Overall GPA 3.9/4.0

Expected December 2017

Concentration in Data Analytics

Bachelor of Science, Operations Research & Information Engineering - Overall GPA 3.4/4.0

May 2017

Honors/Awards: Dean's List for four semesters, National Science Foundation Incentive for Excellence Prize

Relevant Coursework: Statistical Data Mining, Learning with Big Messy Data, Data-Driven Web Applications, Intro to Database

Systems, Industrial Data & Systems Analysis, Spreadsheet-based Modeling & Data Analysis, Communication for Engineers

RELEVANT EXPERIENCES

Capital One

Data Engineer Intern

June 2017 – August 2017

- Collaborated with two other interns in automating the cybersecurity team's CI/CD pipeline
- Reduced time spent deploying changes to codebase by approximately 30 minutes. Used AWS, Spark, CircleCI, Elasticsearch and Ansible

Verizon

UI Developer Intern

June 2016 – August 2016

- Used the D3 and jQuery JavaScript libraries to create a data visualization tool from scratch that displayed the performance and relationships between applications
- Built dashboards on a business-critical application to capture performance and dependencies between metrics

Cornell University, Department of Computer Science

Teaching Assistant for Web Development Class of 170+ Students

January 2016 - May 2016

• Formulated and graded student assignments and projects. Aided students in learning course material and helped debug code

University Ranking Project

Web & UI Developer

January 2016 – May 2016

• Build an interactive, data-driven website using JavaScript that ranks universities based on user responses to survey

OFIXU

IT Analyst & Web Programmer

December 2015 – March 2016

- Debugged, added functionality and made creative changes to company website using PHP, JavaScript, CSS, AJAX and MySQL
- Collaborated with two developers and the CEO. Worked under little supervision

Dynasty Fire Protection

IT Analyst & Web Programmer

June 2015 - August 2015

- Developed a business model and a website that conveyed the company's core competencies to potential clients
- Launched company and used Bootstrap, PHP, JavaScript and CSS to create site

Z-Charge Website Design Project

Team Leader, Developer

February 2015 – May 2015

- Led team of four students to develop a user-friendly, data-driven and secure website for a client's startup
- Presented in front of an audience of 150+ students and used jQuery, PHP, JavaScript, AJAX and MySQL to create site

OTHER EXPERIENCES

Cornell Engineering Advising: Assigning and Scheduling Freshman Faculty Advisors Project

Data Analyst and Software Developer

December 2016 - May 2017

• Created a program using AMPL and VBA that assigns Cornell freshmen (≈800 students) to advisors and schedules advisor-led seminar

LEADERSHIP & ACTIVITIES

Society of Hispanic Professional Engineers (SHPE)

February 2014 - Present

• Facilitated and coordinated a science fair for Ithaca youth. Enhanced leadership skills by leading team-building activities

Cornell Fitness Club

January 2014 – Present

• Directed and organized workouts for Cornell's Fitness club, an organization that promotes wellness at Cornell

SKILLS

Software: Microsoft Office Suite, AMPL, Ansible, Spark, Elasticsearch, SIMIO, Neo4j

Programming/Technologies: R, MATLAB, Python, Java, HTML, CSS, PHP, SQL, JavaScript, AJAX, jQuery, D3, Julia, VBA, Swift