Samuel San Nicolas

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Objective

To further my knowledge and ability to use concepts surrounding full-stack web development and interaction design in an exciting and fast-paced professional environment.

Education

University of Washington
Seattle, Washington
BS in Human Centered Design and Engineering
Focus in Human Computer Interaction
Expected Graduation Date – June 2018

Relevant Coursework

- Info 343/344 – Client/Server Side Web Development [AngularJS, NodeJS, Django]
- HCDE 310 – Interactive Systems Design [Python, Google App Engine]
- INFO 340 – Relational Database Management Systems [MySQL, MongoDB]
- CSE 142/143 – Introduction to Programming [Java]

Experience

Web Production Intern
October 2016 – Present
KCTS 9/Cascade Public Media

- Utilized JavaScript and libraries such as Highcharts, and Jquery to create interactive, data driven content for KCTS 9 web articles
- Assisted in the design and maintenance of the KCTS 9 main page using the Drupal web management system
- Worked closely with the staff of the three major web entities of Cascade Public Media to ensure the high quality of all web based content

Web Development Intern
October 2016 – Present
Intercollegiate Athletic Leadership – University of Washington

- Used Django, PostgreSQL, and JavaScript to collect, analyze, and represent data around the migrations and patterns surrounding college football staff
- Designed and maintained a SQL database containing 10,000+ record

Media Professional
January 2016 – October 2016
Foster School of Business Instructional Media

- Assisted faculty and staff with web based needs pertaining to their course and personal websites
- Utilized Adobe Creative Cloud to edit event footage and design departmental artwork

Operations Intern
October 2014 – January 2016
GoToTags

- Worked alongside the design and engineering department to manufacture all in custom house products
- Communicated with international customers to ensure product standards were met

Camp Counselor / Teaching Assistant
June 2014 –September 2014
Digivation Education Ventures

- Designed and implemented lesson plans regarding STEM + Arts + Movement for K-12 students
- Led discussion and instruction around basic computer science and robotics concepts

Skills

- Proficient in JavaScript (AngularJS, ReactJS, NodeJS), Python (Django, Flask), SQL, MongoDB, and Java
- Familiar with web deployment and maintenance through Amazon Web Services, Docker, or Heroku
- Knowledge of RESTful API's, OAuth, Android App Development, and Amazon Alexa Developer Kit
- Experience with Adobe Creative Cloud (Illustrator, Photoshop, Premiere, After Effects)