PATRICK TUMBUCON

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EDUCATION

University of California, Riverside
B.S. Computer Engineering 2019

SKILLS

LANGUAGES: C++, HTML/CSS, Python (Machine Learning), Javascript (Front End)
TOOLS: Git, Node.js, Bootstrap, Vue.js, React, LaTeX, Linux

PROFESSIONAL EXPERIENCE

Esri, Redlands, CA   June 2018 - Present
Technical SEO Intern
- Implementing structured data markup schemas in JSON-LD to be implemented across esri.com pages via AEM site components
- Performing technical SEO audits on pre-deployment web pages through Google Lighthouse
- Collaborating with developers by bringing in a marketing perspective into their technical workflows

Freelance, Riverside, CA   Oct. 2017 - Present
Web Developer
- Working with businesses and school organizations to create websites
- Designed 1 desktop website for Alcee Insurance for business information and quote submissions
- Developed and designed 2 responsive websites for Citrus Hack 2018 for registration, event promotion, and interactive day-of logistics

Bourns College of Engineering, UC Riverside, Riverside, CA   June 2018 - June 2018
QA Tester
- Used Selenium to automate security and responsiveness tests for the new CS department website

LEADERSHIP

Sponsorship Lead   Jan. 2018 - April 2018
Citrus Hack 2018
- Raised $25,000 in sponsorship funds, prizes, and amenities for 300+ attendees
- Pioneered the usage of Trello to manage outreach progress for a team of 5

Professional Development Chair   March 2018 - Present
Association for Computing Machinery
- Ran a beginner workshop on ricing Linux desktop environments
- Tabling for ACM@UCR during summer orientation sessions

PROJECTS

Rshell   Oct. 2017 - Dec. 2017
- A shell written in C++ that can read and parse bash commands, flags, and connectors
- Utilizing software engineering strategies such as composite design and version control

Flooferbot   Sept. 2017
- Built an automated Twitter client in JavaScript that tweets a dog picture from an API on a 30 minute interval
- Monitoring app metrics and activity through Heroku

AWARDS

1st Place, *BioHack*   May 2018
- Developed web scraping feature and created animations for the front end
- SeeFood uses computer vision and neural networks to identify what you are eating and displays the nutritional value

Gene Haas Scholarship, *Clark Magnet High School*   May 2015
- Awarded to recipients who enter post-secondary engineering programs