

PATRICK TUMBUCON

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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
Technical SEO Intern

June 2018 - Present

- 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
Web Developer

Oct. 2017 - Present

- 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
QA Tester

June 2018 - June 2018

- Used Selenium to automate security and responsiveness tests for the new CS department website

AWARDS

2nd Place, Esri Intern Hackathon

July 2018

- Led a team of 5 to build, market, and brand Locus, a web app that uses location analytics to find a suitable neighborhood
- Presented the overview, implementation, and competitive advantages of Locus to an auditorium of Esri employees

1st Place, BioHack

May 2018

- Developed the web scraping feature of SeeFood, a web app that uses computer vision to identify food and fetch its macronutrients
- Designed CSS animations for the front end

Gene Haas Scholarship, Clark Magnet High School

May 2015

- Awarded to recipients who enter post-secondary engineering programs

LEADERSHIP

Sponsorship Lead
Citrus Hack 2018

Jan. 2018 - April 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
Association for Computing Machinery

March 2018 - Present

- Organized a beginner workshop on ricing Linux desktop environments

PROJECTS

Rshell

Oct. 2017 - Dec. 2017

- A shell written in C++ that can read and parse bash commands, flags, and connectors
- Utilized software engineering strategies such as composite design and version control

EDUCATION

University of California, Riverside

B.S. Computer Engineering 2019