

JERON WONG

EXPERIENCE

HouseKeys: Software Developer

August 2017 - Present

Creating analytics dashboards and calculators in R and Shiny for MyHouseKeys web app, used internally and significantly improved company efficiency

Porting R and Shiny analytics dashboards and calculators to React Native mobile app

Oversaw company-wide transition to Github Enterprise and JIRA project tracking system

Air Force Association's CyberPatriot: Instructor

May 2018 - June 2018

Trained middle and high school students across the California Bay Area for CyberPatriot competition involving OS hardening and Cisco Packet Tracer

MVCode: Instructor

June 2017 - July 2017

Instructor for summer and afterschool program teaching Scratch and Javascript to middle school students

PROJECTS

PwC Challenge Case Competition

First Place

Competed against forty teams to review business relocation case

Created R and Shiny app for data analysis and visualization to present to company executives

MHacks 11: LINC

Winner of "Best Use of Cline AI Platform" Award

Created conversational AI chatbot to provide emotional support for LGBTQ

Used Cline, Twilio SMS and Voice API, Flask server, and Google Cloud Platform API

SiliconHacks 2017: BCVote.tech

Winner of "Best Hack on .tech Domain" Award

Utilized blockchain technology to verify votes over SMS

Used bitcoind program, Twilio SMS API, and DigitalOcean for web app

Second time competing solo at a hackathon

HackDavis 2017: CEEDR

Winner of "Best use of OSISoft's API" Award

Data Visualization and Interaction using OSISoft API for UC Davis's Energy Data

Used R and Shiny for data visualization, Javascript and AWS for Alexa Skill

CalHacks 2016: ToneFolio

Winner of "BlackRock API" Award

Web app that predicts stock portfolio performance using artificial intelligence from IBM Watson Tone Analysis API and BlackRock Aladdin API

First time competing solo at a hackathon

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EDUCATION

University of Illinois Urbana-Champaign (2016 - 2020)

Pursuing B.S. in Computer Science and Anthropology

SKILLS

Programming Languages

R, Python, Java, Android, Javascript, C++, Swift

Tools and Libraries

Git, NPM, Shiny, Plotly, Bootstrap, MongoDB, ExpressJS, AngularJS, NodeJS, ReactJS, Flask

Environments/Services

AWS, Windows, Linux, macOS

World Languages

English, Mandarin Chinese