JERON WONG

EXPERIENCE

HouseKeys: Software Developer

- Analytics and data visualization with R and Shiny
- Oversaw company-wide transition to Github Enterprise and JIRA project tracking system

Air Force Association's CyberPatriot: Instructor
May 2018 - Present

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

Air Force Association's CyberPatriot: Mentor
July 2017 - May 2018

- Mentored Gilroy Early College Academy team for CyberPatriot competition

Gavilan Computer Science Club: President
May 2017 - May 2018

- Hosted workshops to teach members programming language and coordinated off-campus events to hackathons and the Computer History Museum

Caromi: Winter Internship
December 2016 - January 2017

- Trained AI model that aids in resolving inter-personal conflicts within organizations

PROJECTS

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

YHack 2015: BasicSloth   Winner of "Nuance Innovative Use of Speech" Award

- Created a program that sent messages encrypted by GNU Privacy Guard through radio signals
- Used GNU Radio Companion, Python, Keybase.io, and Nuance API

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EDUCATION

Gavilan College (2016 - 2018)

A. S. in Scientific Programming
A. S. in Mathematics

University of Illinois Urbana-Champaign (2018 - 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