

# JERON WONG

## EXPERIENCE

### HouseKeys: Software Developer

August 2017 - Present

Analytics and data visualization for HouseKeys BMR Housing Program using R and Shiny

### CyberPatriots: Mentor

July 2017 - Present

Mentoring GECA High School students in CyberPatriot competition, teaching operating system hardening for Microsoft Windows and Linux and Cisco Packet Tracer Software operation

### MVCode: Instructor

June 2017 - Present

Instructor for summer program and after school class teaching Scratch and Javascript to 6th-8th graders

### Caromi: Winter Internship

December 2016 - January 2017

Worked on training AI model by providing and responding to queries for app that aids in resolving inter-personal conflicts within an organization, using AI techniques and a web/mobile interface

## LEADERSHIP

### Gavilan Computer Science Club: President

May 2017 - Present

Organized educational workshops to teach members many different programming languages like Java and Python

### FCSN: Youth Volunteer Coordinator

September 2011 - May 2015

Started at FCSN (Friends of Children with Special Needs) in 2011. Promoted to Youth Volunteer coordinator for South Bay region in 2013. Taught life skills to children with special needs and enhanced volunteer communication through social media platforms

## 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 the visualization, and Javascript and Amazon Web Services 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

### University of Illinois Urbana-Champaign (2015 - 2016)

Completed Undergraduated Courses in Computer Science and Anthropology

### Gavilan College (2016 - Current)

Pursuing college credits for UC transfer and acquiring A. S. in Scientific Programming and A. S. in Mathematics

GPA: 3.53

## LANGUAGES

English, Fluent Mandarin Chinese

## SKILLS

### Programming Languages and Frameworks:

Python, C++, Java, R, Shiny, Android SDK, Javascript, PHP