

---

# Michael Wang

9008 Rouen Lane  
Potomac, MD 20854  
(301)-828-8135  
michael@mocohacks.org

## WORK/ACTIVITIES

### **Code Ninjas - Germantown, MD** - *Instructor/Camp Director*

MAY 2019 - AUG 2019

- Created and directed a week-long summer camp curriculum for kids ages 7-12 on Arduino programming and circuits.

### **MoCoHacks - Wheaton, MD** - *Head of Public Relations*

NOV 2019 - PRESENT

- Emailed principals and non-profit organizations that advocate STEM to help spread the word
- Contacted sponsorships for funding
- Developed the hackathon's website (<https://mocohacks.org/>)

### **Hack Club - Potomac, MD** - *President*

SEP 2019 - PRESENT

- Hosted coding challenges and workshops on web development
- Developed the club's website (<https://hackclub.churchill.now.sh/>)

### **Almond Robotics - Potomac, MD** - *Programmer*

SEP 2018 - PRESENT

- Programmed computer vision and motion profiling so the robot can detect and interact with the in-game objects.

## PROJECTS

### **Tweet Sentiment Analysis**

- Used Twitter API and NLP to create an application that determines whether a tweet is positive, neutral or negative. (<https://github.com/tencups/Twitter-Sentiment-Analysis>)

### **MusicZoo**

- Used React and Styled Components to create a web application that allows for music educators to engage their music classrooms more. (<https://musiczoo.netlify.com/>)

---

## AWARDS

- Won Inspire Award (Top award) at Newport News FTC Regional Qualifier (2018-2019)
- 1st Place Rockwell Collins Innovation Award at Oakton Oakton FTC (2019-2020)
- Won as Winning Alliance First Pick along with Inspire Award at Capital Tech Qualifier (2019-2020)
- Won as Winning Alliance First Pick along with Think Award at Oakland Mills Qualifier (2019-2020)
- Connect and Motivate Award at FTC Qualifiers in MD and VA (2018-2019)
- Qualified to the FTC World Championships (2020)
- Maryland Classic Youth Orchestra Paul Eberly Endowed Chair Scholarship
- Principal Clarinet in All State Band and Maryland Classic Youth Orchestra
- Selected to participate in the National Youth Orchestra 2 (2020)

## EDUCATION

### **Winston Churchill High School, Potomac, MD**

SEP 2018 - PRESENT (EXPECTED GRAD: JUN 2022)

- GPA: 4.00(UW) 4.80(W)
- Currently enrolled in AP Physics 1 and AP Computer Science A