

# ETHAN SPENCER POLLACK

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Highly motivated and dedicated employee and student with strong analytical and problem solving skills. Excellent communicator and collaborator. Passionate about programming and robotics.

## EDUCATION

### **Worcester Polytechnic Institute (Graduating May 2024)**

- **Major:** Computer Science
- **GPA:** 4.0
- **Subjects studied:**
  - Computer Science, Math, Physics, Development, etc.
  - More detail upon request.

### **Calabasas High School (Graduated June 2020)**

- **Scores:** GPA 4.45; AP Computer Science: 5
- **Honors / Awards:**
  - California Scholarship Federation
  - Graduated as Salutatorian
- **Athletics:** Tennis Team - 4 years & varsity captain senior year

## WORK EXPERIENCE

### **SOFTWARE DEVELOPMENT INTERNSHIP, EPIC SYSTEMS (May 2022 - August 2022)**

- Worked on a solo project that improved Epic's software using the React framework, typescript, javascript, HTML, CSS, and VB.

### **JUNIOR INSTRUCTOR, Great Minds Robotics (June 2019 - July 2020)**

- Taught programming classes to children and young adults.
- Mentored junior robotics team members.

### **CAMP COUNSELOR, Skylake Yosemite Camp (June 2021- August 2021)**

- Took care of kids aged 7 to 14 all day.

## PROGRAMMING LANGUAGES | TECHNICAL SKILLS

- Fluent in C# and Java
- Knowledgeable in C++, HTML, CSS, JavaScript, Unity, and Racket
- Exposure to OpenCV, 3D graphics, and 3D for Hololens
- Experience using CAD software

## ROBOTICS & PROGRAMMING EXPERIENCE

### **WORLD ROBOTICS OLYMPIAD COMPETITIONS | 2018 & 2019**

- Lead builder on a 3-person team. Responsible for robot design and build. Partner in developing overall strategy & assisted with programming.
- Won numerous awards including Robot Design Award. Competed in the World's event in Hungary.

### **VEX IQ COMPETITIONS | 2015 & 2017**

- Lead builder on a 2-person team. Competed at multiple events including the Worlds Competition in Kentucky. Placed 9th out of 200 teams at the Worlds Competition.

## VOLUNTEER EXPERIENCE

### **NATIONAL HONORS SOCIETY TUTOR, Las Virgenes School District (Oct 2018 - May 2020)**

- Tutor high school students in math, computer science & statistics.

### **TECHNOLOGY SUPPORT, Calabasas Senior Center (July 2018 - May 2020)**

- Assist senior citizens with computer, smartphone, and technology related issues.

### **COMPUTER SCIENCE TUTOR, Calabasas High School (September 2017 - June 2020)**

- Assisted classmates with Computer Science curriculum after school and on weekends.

## REFERENCES AVAILABLE UPON REQUEST