

Sam Carter
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WORK EXPERIENCE

- GKN Additive (April 2022 - current) - Lab tech for 3D printing manufacturer. Programmed G-Code for SLA, PolyJet, and FDM 3D printer robots.
- In-N-Out Burger (2021-2022) – Associate and cleaning crew teams.
- Carlsbad Educational Foundation Robotics Program Coordinator (2020) – tech advisor for middle school robotics classes.
- Taught ten summer enrichment robotics programs
- Knowledgeable on Robot Operating System's plumbing, tools, and capabilities.

EDUCATION & TRAINING

- Palomar College, Computer Science
- Carlsbad High School, Class of 2020, GPA 3.6
- Ten years of experience programming fully and semi-autonomous robots
- Proficient in Spanish

LEADERSHIP AND OUTREACH

- Club President for CHS Robotics club (2018 - 2019) – Led robotics team to 2019 World Championship in FIRST Tech Challenge, Houston, TX.
- Captain of FIRST Tech Challenge Robotics team 5015 Buffalo Wings (2017 - 2018)
- Captain of FIRST Tech Challenge Robotics team 6226 Bambusa (2016 - 2017)
- Over 1,250 hours of community service (robotics mentoring for elementary & middle school team)
- Coached or mentored more than 50 robotics teams

AWARDS & ACHIEVEMENTS

- Fixed large frame Viper Pro SLA robot (2022)
- In-N-Out Hardest Worker (2022)
- In-N-Out Burger Coin (2021)
- Through-hiked 500-mile Colorado Trail (2021)
- FTC RISE Scholarship (2020)
- Certificate of Spanish biliteracy (2020)
- Kohls Cares Scholarship (2015)
- Was the first middle schooler to receive the Carlsbad Educational Foundation Outstanding Robotics Outreach Award (2015)