

ROBERT PELTEKOV

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EDUCATION & COURSEWORK

UC Berkeley - B.S. Electrical Engineering & Computer Science / B.S. Business Administration **Expected May 2023**

- 3.77 GPA; 3.85 Technical GPA

Related Coursework:

UC Berkeley: Designing Information Devices and Systems; Structure and Interpretation of Computer Programs

Palos Verdes Peninsula High School, Palos Verdes Estates, CA

2015 – 2019

- Valedictorian; 4.9143 GPA; 35 ACT

WORK EXPERIENCE

Boeing Co. Satellite Systems, El Segundo, CA

Jun. 2018 – Aug. 2018

Ground System Software Intern

- Designed and implemented ground system antenna cost models conserving company time and resources
- Maintained and handled Boeing proprietary software and add to capabilities
- Delivered solutions to supervising engineers at meetings learning business operations and conduct

University of Southern California Research Labs, Los Angeles, CA

Jul. 2017 – Mar. 2019

Prof. Dawlaty Physical Chemistry Lab Research Student

- Designed and tested experiment finding correlation between structures of photobases Acridine, Quinoline, and Pyridine
- Conducted experiments and research physical chemistry projects to effectively learn lab procedures
- Worked in chemistry laboratory shadowing graduate student learning instrument operation and graduate chemistry

Prof. Kresin Physics Lab Research Student

- Worked in physics laboratory shadowing graduate student learning instruments and graduate chemistry topics
- Maintained ultra-high vacuum systems for experiment fluidity

ACTIVITIES & LEADERSHIP

Blockchain at Berkeley, Berkeley, CA

Sep. 2019 – Present

Developer Consultant

Blockchain development and research club

- Designed decentralized app and internal crypto-coin with the MERN stack and smart contracts on the Ethereum network
- Gained experience in product development, blockchain, consensus mechanisms, solidity smart contracts, and more

StellarXplorers, Los Angeles, CA

Sep. 2016 – Jun. 2019

President / Team Captain

International space satellite mission design competition

- Programmed interface between STK software and Google Sheets to optimize collection and analysis of competition data
- Researched, learned and excelled in satellite orbital mechanics and system optimization to finish 3rd at nationals
- Directed all 5 school teams and organized lessons and education schedule resulting in three top-three national awards

VEX Robotics, Los Angeles, CA

Jun. 2016 – Jun. 2019

Co-Founder / Vice President / Team Captain

International robotics competition

- Developed high fidelity autonomous robot functions to enable team to win Worlds Build Award
- Thrived in both control system programming mechanical subsystem design and to develop unique award-winning robots

Cyber Patriots, Los Angeles, CA

Sep. 2015 – Jun. 2019

Team Captain

Cyber security competition

- Analyzed, configured and secured Cisco networks enabling team's National qualification as one of 12 from 6000 teams
- Organized team to harmonize individual member strengths of Linux, Windows and Cisco security to excel in competition

SKILLS

- Programming Experience: Java, Python, Solidity, Microsoft Excel and Visual Basic, Git
- Cisco network configuration and security

AWARDS & ACHIEVEMENTS

- CyberPatriots cyber security competition national finalist (April 2019); One of 12 finalists among over 6000
- Aero Club of Southern California Excellence in Aerospace (July 2018); Highest achievement in field of aerospace
- Science Research U.S. Stockholm Junior Water Prize (March 2018); Best water related project
- Science Research Office of Naval Research Special Award (March 2016); Best real-world-applicable project

HOBBIES & INTERESTS

- Rock Climbing, Cycling (Road Biking), Robotics competitions and mechanical subsystem design