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# Kartik Bhagatwala

www.kartik-b.com

## EDUCATION

### University of California, Irvine - *Class of 2022*

- B.S. in Computer Science - 3.4 GPA
- Completed Coursework: Algorithms & Data Structures, C++, Python, Linear Algebra

### The Bishop's School, La Jolla - *Class of 2018*

- 4.05 GPA, Completed classes in Python, Java, Web Development

## WORK EXPERIENCE

### UC Irvine, school of ICS - *Student System Administrator Jan 2020 - Present*

- Worked in a data center containing over 500 bare metal hosts.
- Created Python & shell scripts to address a variety of needs.
- Worked with CentOS & Ubuntu servers, tracked issues and responded to helpdesk.
- Resolved both software and hardware issues along entire stack to ensure reliable and useful services.

### Summer 2019 - Naval Information Warfare Center Pacific - *Engineering Intern*

- Developed automation tools for laboratory equipment, using Python & Qt.
- Obtained and utilized security clearance.

### Summer 2018 - AoPS Academy - *Teaching Assistant*

- Worked as a teaching assistant for a nine week summer math program.

### Summer 2017 - UCSD Supercomputer Center - *Intern*

- Part of the REHS program, wrote a Natural Language Processing program in Java to parse temporal ranges from paragraphs of text.
- Assisted Professors at the Spatial Information Systems Lab, helped to organize a large online database of research projects and their data.

## SKILLS

Five years of programming experience in classroom and professional environments, including a year of linux sysadmin experience, experience with web & native app development.

- Proficient in Python, C++, Javascript, Kotlin, Shell Scripting
- Web development using Node.js, Flask, PSQL, React
- Sysadmin Experience: Puppet, Git, KVM Provisioning, Vagrant, DNS, Systemd, Docker
- Application UI design + implementation in Web, Android and Windows UWP

## ACTIVITIES

- 2019 HackUCI Winner - Best Education Hack
- Anteater Electric Racing FSAE Team - UI/UX for race car telemetry application
- Phi Gamma Delta - IX Chapter
- High School Cybersecurity Team Captain for '17-18 Cyberpatriot competition
- 2017 Presidential Community Service award for 120 hours of volunteering