

ANISH VANKAYALAPATI

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EDUCATION:

UNIVERSITY OF CALIFORNIA, BERKELEY, CA

BACHELOR OF ARTS IN COMPUTER SCIENCE

EXPECTED GRADUATION MAY 2021

- ♦ **RELEVANT COURSEWORK:** Data Structures and Algorithms, Computer Programming, Multivariable Calculus, Research Writing, Discrete Math and Probability Theory ^{IP}, Linear Algebra ^{IP}, Contemporary Theories of Political Economy ^{IP}
- ♦ **CLUBS:** Berkeley Model United Nations, Political Computer Science @ Berkeley

OAKRIDGE INTERNATIONAL SCHOOL, HYDERABAD, INDIA

INTERNATIONAL BACCALAUREATE (IB) DIPLOMA

GRADUATED IN MAY 2017

- ♦ **CLUBS:** Prefect Council, Beyond Labels

PROJECTS AND SKILLS:

- ♦ **Gitlet:** Hands-on experience with Java programming and Git by creating a local version-control system utilizing data structures like HashMaps and TreeSets.
- ♦ **BearMaps:** Experience in backend development and the k-nearest-neighbours algorithm by creating a web mapping application.
- ♦ **Scheme Interpreter:** Coded a Python-based interpreter for the functional programming language Scheme.
- ♦ **Technical Skills:** Java, Python, NumPy, LaTeX, Advanced Excel.

EXPERIENCE:

POLITICAL COMPUTER SCIENCE @ BERKELEY

SEPT 2018 - PRESENT

- ♦ Collaborate with 5 team members to build an app using Flutter and Firebase that scrapes data from congressional websites in order to inform users about the bills their representatives have voted on.
- ♦ Code the backend of the app that pulls JSON files from ProPublica and GovInfo APIs and extracts data like bill summary, cosponsors etc from these files.

BERKELEY MODEL UNITED NATIONS

HISTORICAL CRISIS HEAD CHAIR

SEPT 2017 - PRESENT

- ♦ Moderate debate between high-school delegates at the annual BMUN conference, encouraging the presentation of innovative solutions to complex world issues.
- ♦ Manage 3 vice chairs to create intricate crisis situations that are intended to intellectually challenge delegates.
- ♦ Provide feedback to delegates and advisors about their performances, adhering to strict deadlines regarding grading of committee papers, blog posts and topic research.

TECHNOLOGY STAFF

- ♦ Collaborate with other Technology Staff members to manage the BMUN website as well as the internal application Huxley, which is coded in Django and React.

NANOHEALTH

INTERN

JUNE - AUGUST 2016

- ♦ Conducted primary research into the economic effectiveness of their healthcare model through interviews of patients, healthcare workers and executives, as well as data from government databases.
- ♦ Crafted a research report on this topic by utilizing economic concepts like asymmetric information, externalities etc and analyzing data using Excel.

BEYOND LABELS

CHIEF EDITOR

JAN - MAY 2016

- ♦ Managed the editorial team for the campaign Beyond Labels, which combated prejudice and stigmatization.
- ♦ Brainstormed innovative ideas, contributed editorials and enforced deadlines to spread awareness and bring attention to the campaign.

HOBBIES:

- ♦ Reading Stephen King novels, playing and refereeing soccer, travelling.