

Viraj Chhajed

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Education

UCLA - University of California, Los Angeles

Graduation date: June 2026

Bachelor of Science, **Computer Engineering**

Technical Breadth: **Computational Biology and Genomics**, Minor: **Bioinformatics**

Relevant Coursework: CS32 (Data Structures), MATH32A (Calc III), LS7A (Cellular and Molecular Biology), LS7B (Genetics, Evolution, and Ecology), CS31

Current/Planned Coursework: CS180 (Algorithms), CS M146 (Intro ML), ECE C147 (DL & NN), MATH61 (Discrete Math), LS7C, CS33

Skills

Languages:

Python, C/C++, JavaScript, TypeScript, HTML/CSS, Solidity, SQL

Technologies & Frameworks:

React.js, Next.js, Node.js, MongoDB, Git, TailwindCSS, ChakraUI, Express.js, Firebase, WebAR, Matplotlib, NumPy, AWS, Pandas, Unity, PyTorch, FastAI

Experience

Zaitlen Lab (UCLA)

Los Angeles, USA

Undergraduate Researcher

Dec 2022 - Present

- Researching at Zaitlen Lab under Professor Noah Zaitlen utilizing **bioinformatics**, **statistical analysis**, **cellular and molecular biology**, **machine learning**, and **deep learning** to make contributions to the field of quantitative genomics.

Basch Research LLP - Basch.io

Mumbai, India

Co-Founder

Apr 2021 - Jul 2022

- Built text-to-human-video generator (synthetic media) and AI info-video creator, **gaining \$1 Million+ valuation** and **\$2000+ in pre-product revenue** (Firebase, AWS, ReactJS, Node.js, ObamaNet, LipGAN).
- Achieved a total of **1 million+ impressions** and **1500+ users** attracting attention from top VC firms including, **Accel**, **Lightspeed**, **Strive** and **CM Ventures**.
- Managed a **team of 6** leading two product development cycles in a span of 8 months.

Bridgeup Pvt Ltd - Bridgeup.com

Mumbai, India

Member - Product and Growth Team

Aug 2021 - Apr 2022

- Devised the initial **GTM** and helped set up the **product** value prop, positioning and messaging; contributing to **\$1 million raised** in pre seed round at an undisclosed valuation.
- Lead all **PPC campaigns & paid growth channels** efforts contributing to **\$5 million+** worth of contracts traded on platform.

Cemtrex Inc (Nasdaq: CETX) - Cemtrexlabs.com

New York, USA (Remote)

Software Engineering Intern - AR Team

Jul 2020 - Aug 2020

- Developed an **AR-based live Quiz** show for **Premios Juventud** - a popular Spanish award show (IOS-AR Platform, WebAR, Unity, Three.js, AR.js)

Achievements

AIR (National Rank) 8th - I secured 98.40% in my class 10th Board (AISSE) Exams organized by CBSE (Central Board of Secondary Education), earning me a shared rank of 8th amongst 1.8 million students (All India Rank - 8th)

UCLA B.I.G (Bruins in Genomics) - I was selected to perform research and work at few of the best Labs in the areas of Quantitative Genomics, ML and Computational Biology.