

Eashaan Katiyar

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EDUCATION

University of California, Berkeley — *Electrical Engineering & Computer Science*

August 2017 - May 2021 (expected)

GPA: 3.67

Technical Courses Taken: Designing Information Devices and Systems I & II, Structure and Interpretation of Computer Programs, Data Structures, Discrete Math and Probability Theory, Physics for Scientists & Engineers: Mechanics and Wave Motion, Electricity and Magnetism, Multivariable Calculus, Efficient Algorithms and Intractable Problems, Introduction to Artificial Intelligence

TECHNICAL SKILLS

Programming Languages:	Python, Lisp, Java
Web Development:	HTML, CSS, Javascript, Flask, Bootstrap
DBMS:	PostgreSQL, SQLite
Tools/Technologies:	Git, MS Office, Android Studio, Heroku, Jupyter, Latex
Operating Systems:	Windows 7/8/10, Linux (Mint, Kali)

WORK EXPERIENCE

Intern at neurIoT

June 2018 - August 2018

- Worked on an application that extracted fashion features from sunglass images (shape of lens, colors of frame, etc.) in order to predict future sales of potential designs through a ML model
- Used OpenCV, scikit-learn, and Jupyter notebook in order to conduct image classification and feature extraction
- Built software demos for use in presentations and meetings with third-party clients

Software Developer at Goodly Labs

September 2018 - Present

- Utilize HTML, CSS, Javascript in order to build a visually pleasing user dashboard with features such as filters and a search engine
- Working on a chrome extension that extends the user dashboard functionality on a site-by-site basis.

PERSONAL PROJECTS

TL;DW (Lecture Summarizer) — March 2019

- Wrote an application that shrinks webcast length by removing non-important sections of lecture. Uses a sumy lex rank model for summarization and a RNN for sentence boundary detection in free-run speech. Built in Python, deployed through Flask.

Reddit Recommends — November 2018

- Built a website that aggregates online community product reviews into an easy-to-use web app. Written in Python, utilizing Flask, and nltk to conduct sentiment analysis

Discord Messaging Bot — Summer 2017

- Built a Messaging Bot for the EE/CS community at Berkeley. Written in Python utilizing asynchronous programming, deployed as a cloud application through Heroku.

Writing Portfolio — May 2017

- Created a website utilizing CSS, HTML, and Bootstrap to host a writing portfolio - showcasing my written work throughout high school.

ADDITIONAL EXPERIENCE

Senior Mentor at Computer Science Mentors

January 2018 - December 2018

- Mentor students in EE concepts and practice problems for the Designing Information Devices and Systems course. As a senior mentor, I also help new members of the club with teaching and conduct content creation and review.

AWARDS

Berkeley Leadership Award - 2017 award by Cal Alumni Association

Comcast Leaders and Achievers Scholarship - 2017 award by Comcast/NBCUniversal

Andy Grove Scholarship - 2017 award by Intel

Society of Military Engineers Scholarship - 2017

National Merit Scholarship Finalist - 2017