

Kunal Gosar

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Personal Website: kunalgosar.me // Github Handle: [kunalgosar](https://github.com/kunalgosar)
University of California, Berkeley

Education:

University of California, Berkeley

Expected: May 2019

Bachelors of Science in Electrical Engineering and Computer Science (EECS)

Minor in Pure Mathematics

Relevant Coursework: Fall 2015 - The Structure and Interpretation of Computer Programs (CS 61A); Gadgets Electrical Engineers Make (EE 24); Physics - Mechanics (Physics 7A);
Spring 2016 - Data Structures (CS 61B); Linear Algebra and Differential Equations (Math 54); Designing Information Devices and Systems I (EE 16A); C for Programmers (CS 9C);
The Leadership Award Scholarship, Cal (Berkeley) Alumni Association

International School of Basel, Switzerland

June 2015

International Baccalaureate; High School Diploma.

Citizenship: United States

Work Experience:

Novartis Group Informatics, Project Management Intern, Basel, Switzerland

Summer 2014

Worked in User Interface Development and Testing for Enterprise Software.

Assisted Project Managers in tracking action items for the initiation, development and global deployment of enterprise systems software.

Tecnoform Engineering, Engineering Intern, Mumbai, India

Winter 2014

Worked in the offices and factories of Tecnoform, a mechanical engineering company specializing in repairing and building machinery (specifically extrusion presses).

Novartis Institute of Biomedical Research, Research Intern, Basel, Switzerland

Summer 2013

Worked in the research labs in the department of neurological research.

Observed and worked with the robotic/automatic compound screenings in drug development.

Personal Projects: Shown on kunalgosar.me

Music Generator, Repository: github.com/kunalgosar/MusicGenerator

This is a music generating program, that takes an input tempo from a user's mobile device and the linked web application outputs algorithmically generated music. Fully detailed on the Github repo linked above.

Built the Web Application; iOS application. Wrote the configuration to mathematically analyze the user defined tempo. Created with three other students for CalHacks 2.0, 2015.

What's Lit, Co-Founder; whatslit.io; Repository: github.com/whatslit

(Currently under construction)

Crowd sourced events rating application; uses location services to allow people to rate and comment on parties and events. Allows students to view events happening around campus and their ratings.

Working on the Website (Web App), iOS and Backend database management. In charge of business facing tasks.

Leadership Experience:

Athletics: Track and Field (4 years - Varsity); Snowboarding (Black level Award, Swiss Snowboarding Association)

Leadership: Engineering Society (Co-founder, President); Student Council (3 years, Vice President)

Entrepreneurship: Entrepreneurship Society of Basel (Treasurer)

Public Speaking: Model United Nations (Various Best Delegate Awards, Dep. Secretary General)

Teaching: Tutored Math and Physics to Middle School/High School students

Technical and Language Skills:

Computer Skills: Python, Scheme, SQL, HTML, CSS. Knowledge of Google App Engine, LaTeX.

Languages: Fluent in Hindi; Elementary Proficiency in German, Swiss-German, Spanish.