Kunal Gosar

Cell Phone: (817) 307-5325 | Email: kunal.gosar@berkeley.edu | Personal Website: kunalgosar.me
Github: github.com/kunalgosar | Linkedin: www.linkedin.com/in/kunalgosar

Education:

University of California, Berkeley - (Technical GPA: 3.82, Overall GPA: 3.63) **Expected: May 2019**
Bachelors of Science *in Electrical Engineering and Computer Science (EECS)*
Bachelors of Science *in Engineering Mathematics and Statistics*

Relevant Coursework: Data Structures; Computer Architecture; Machine Learning (Coursera); Designing Devices and Systems I & II; Discrete Mathematics and Probability Theory; Linear Algebra and Differential Equations;
The Leadership Award Scholarship, Cal (Berkeley) Alumni Association

International School of Basel, Switzerland **June 2015**
International Baccalaureate; High School Diploma.

Work Experience:

Verizon Wireless, *Network Engineering Intern, Westlake, TX* **June 2016 – Aug 2016**
Working in Network Database Management (NDBM)
Wrote scripts for data processing and built database components for the network (e.g. FCC document generation)
Developed a tool to scrape IR21 PDFs, validate IPs and write to network database (Saved ~10hrs/week by automating)
Built SQL DB to track processes for adding roaming partners, wrote program to automatically update/synchronize DB.

Novartis Pharmaceuticals, *Software Engineering and 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 global deployment of enterprise systems software.

Novartis Institute of BioMedical Research, *Neurological 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

vStock Analytics, *Co-Founder*, *Full Stack Developer* [Under Construction at: vstockanalytics.herokuapp.com]
Built a stock trading game for users to trade stocks on a real-time virtual market. Built a RESTful API for users to build trading bots to use with our platform. We use Machine Learning to mine user data and analyze stock trades.
Built on MEAN Stack: NodeJS, MongoDB, AngularJS. Repository at github.com/kunalgosar/StockTrade

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. *Created with three other students for CalHacks 2.0, 2015.*

Personal Website, Hosted at kunalgosar.me, Repository at: github.com/kunalgosar/kunalgosar.github.io

Class Projects:

Text Editor, Completed as part of CS 61B (Data Structures and Advanced Programming)
Built with JavaFX. Functionality includes: Word Wrap, Undo-Redo, Open-Save, Window Resizing, Scrolling, Font Resizing, Arrow Keys and Text Editor responds to mouse clicks.

Other Activities:

Berkeley Debate Society: Competed in tournaments at Stanford and Princeton, ranked nationally at Stanford.
Lab Assistant for CS61a: Held office hours and assisted at lab sections to facilitate the intro CS class at Berkeley.

Technical and Language Skills:

Technical Knowledge: Java, Python, MEAN Stack, NodeJS, Machine Learning, SQL, HTML, CSS, JS
Languages: Fluent in English, Hindi; Proficient in German, Swiss-German, Spanish.