Viren Sawant

Vanderbilt University
Class of 2019

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Education:

Vanderbilt University, Nashville, TN: *(Sept 2016 – present)*
Bachelor of Engineering, double major computer engineering and applied math, degree expected Spring 2019
- Cumulative GPA: 3.85 / 4.0, EECE GPA: 4.0 / 4.0, CS GPA: 3.9 / 4.0
- Recipient of Engineering Honor Scholarship.
- Dean's List Award for all collegiate semesters so far.
- Relevant Coursework: Designs and Data structures, Computer Organization, Compiler Construction, Digital Logic, Circuits I and II, Mobile and Wireless Networks, Multivariable Calculus, Linear Algebra and Differential Equations.

Work Experience:

- Information Technology Specialist at Vanderbilt Tech Hub, Vanderbilt University   *(Oct 2017 – present)*
  - Offer desktop support and solve common IT issues for University faculty and students.
  - Developed ability to deal with wide variety of clients, specifically non-technical background clients.
- Teaching Assistant, Programming Languages, Vanderbilt University   *(Jan 2018 – present)*
  - Provide support for projects and homework assignments to students in the Programming Languages course.
  - Evaluate homework, tests, and project submissions according to specified grading criteria.
- Platform Engineering Intern, Dow Jones   *(Jun 2018 – Aug 2018)*
  - Manage cloud assets and environments using terraform scripts in migration to AWS.
  - Integrate HashiCorp's Vault software into existing dot NET application to retrieve database connection secrets.
  - Monitor AWS MySQL database by running periodic queries and report statistics to NewRelic.
- Intern in Software Engineering, TLCengine   *(Jun 2017 – Aug 2017)*
  - Initiated codebase for the TLC chrome extension and developed a strong foundation for future changes.
  - Manipulated and generated geodata that accurately models the USA and can be queried to perform calculations.
  - Learned in depth ArcGIS software and postgreSQL database management.

Skills and Projects:

- Languages: Java, C++, Python, dot NET, Terraform, Javascript, Node, Angular 4, Racket, Prolog, RDBMS concepts and basic SQL commands.
- iOS and android development experience.
- Personal Website
- Chess app: Designing a two-player chess game known as bughouse. Devising an engine to play users.

Leadership:

- Vanderbilt Student Government:
  - Led and reliably directed a group of students.
  - Organized house events in the commons cup and represented my floor in student government.
- Chess Club President (for both University and High School):
  - Guided high school club to take 5 teams to a national tournament and return with first place tie prize.
  - Organized USCF sanctioned tournament within our own school.
  - Led highest rated USCF affiliated high school club in the Northeast.
  - Reinvented Vanderbilt Chess Club's meeting style to increase member retention by 15% and club size by 10%.
- VandyHacks Developer Board:
  - Leading behind the scenes work on website, app, and technological aspects of VandyHacks Fall 2017.
  - Designed and developed new check-in system to events at VandyHacks.

Notable Extracurricular Activities:

Chess: *(Jan 2004 – present)*
- First Place Winner in U1300 category in Manhattan Open Chess Tournament in 2015.
- Amateur Team East U1300 Tied First Place 2014.

Service: *(2012 – present)*
- Math tutor: Volunteer math tutor at Plainsboro Tutoring Society. Directed a large group of students.
- Chess tutor: Volunteer chess tutor at Plainsboro Tutoring Society. Also a professional private tutor for elementary and middle school students. Retained over six clients throughout junior and senior years of high school.