

Kaleb Shah

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EDUCATION

Grinnell College (Expected Grad May 2024)

Grinnell, Iowa

Bachelor of Arts - Majors: Computer Science, Economics; Minor: Statistics

CS GPA: 3.5

Coursework: Software Development, Data Science, Graph Theory, Linear Algebra, Corporate Finance, Financial Accounting, Operating Systems & Computer Architecture

Programming & Skills: Python, Ruby, Rails, R, RStudio, C, Java, JavaScript, React, CSS, HTML, PostgreSQL, AWS, Stata, LaTeX, DrRacket, Assembly, Vue.js, Excel, PowerPoint

WORK EXPERIENCE

Merchants Bonding

Des Moines, Iowa

Software Engineering Intern

May 2023 – Present

- Collaborated with senior engineers to create automated workflow software for 50 underwriters and underwriting assistants, increasing efficiency by 12% saving 250 man-hours weekly.
- Developed geolocation and geospatial search features via Google API and Vue.js, enabling surety agents to search 8,000+ bonds by location and radius, and reducing search times by 30 seconds or 25% per site visit and search.
- Using Test-Driven Development, boosted Apache Solr Search functionality by expanding search capabilities with 2 new parameters (geo-location & radius) through re-indexing of 100,000+ bond orders resulting in improved search efficiency.

IIFL Capital & Securities

Mumbai, India

Investment Banking Intern

May 2022 - August 2022

- Analyzed several key transactions, including IPO deals with companies valued from \$10Mn to \$1Bn by creating & maintaining 10 excel models with macros for ongoing projects.
- Achieved proficiency in industry software such as Bloomberg Terminal CapitalIQ, Advanced Excel with Macros.
- Assisted VP's by conducting due diligence & help preparing over 4 PowerPoint pitch decks of IPO companies for clients with information such as DCF Models, Comps, PE Ratios, etc.

NI-MET Metals

Toronto, Ontario

Software Development Intern

February 2021 - June 2021

- Developed a Ruby on Rails web app with an 80% daily usage from all traders in the company.
- Designed a UI displaying real-time metal prices using websockets & third-party APIs, reducing research time by 30 minutes a day.
- Implemented a PostgreSQL relational database for metal transactions data & deployed the application on Heroku.

Access Asset Managers

Mumbai, India

Financial Data Analytics Intern

May 2020 - Nov 2020

- Conducted market research on Indian Telecom Industry's ongoing 4G/5G spectrum auction bids & potential returns through Leverage Buyouts of ancillary businesses.
- Extracted, cleaned and visualized market data from over 120 websites using python and libraries such as BeautifulSoup, Pandas and Matplotlib to identify confounding variables in business valuations..
- Conducted in-depth research on 6 major Telecom players & presented briefings for partners with PowerPoint & Excel.
- Collaborated with analysts & associates by creating NPV valuations, cost-benefit analysis, cash-flow forecasts & projections on market players.

PROJECT & RESEARCH EXPERIENCE

Impact of Earthquakes on Educational and Household Outcomes

STATA, R, RStudio

Mapped villages to earthquake centers to analyze effects on educational and household outcomes in developing countries.

Mental Illness & Fatal Police Shooting

STATA, Python, RStudio

Research on the Relationship between Mental Illness & Fatal shootings by police officers using advanced econometrics tools.

Gender representation across STEM majors

R, RStudio

Research on female student representation in STEM majors at Grinnell College using time-series & multivariable regressions.

DISTINCTION

Scholarships: JAINA Academic Scholarship, R. Jeannine 'Spud' Lyerly '53 Scholarship

Leadership Roles

Pioneer Capital Investment Member - Managed student endowment fund of \$100,000 through various financial vehicles.

Debate team co-chair - Participated in 7+ inter-collegiate debate tournaments across the country.

SKILLS & INTERESTS

Languages: Written & oral fluency - English, Hindi & Gujrati

Interests: Soccer, Formula 1, Basketball, Personal Fitness, Running, Current Events, Cooking