Lovish Mujral

Computer Science and
Business Admin Student

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EDUCATION

University of California, Berkeley / B.A. Computer Science, B.S. Business Administration / 2016 - 2020
GPA: 3.73 Technical CS GPA: 3.85
Relevant Coursework: Efficient Algorithms and Intractable Problems, Data Structures, Foundations of Data Science, Structure and Interpretation of Computer Programs, Discrete Math and Probability Theory, Probability and Mathematical Statistics in Data Science, Social Networks, Linear Algebra and Differential Equations, Intro to Economics, Principles of Business

WORK EXPERIENCE

- **Software Engineering Intern @ Velos, Inc** / May 2017 - August 2017
  For Velos, a company working with clinical research managment software, I was a full stack developer and developed an audit logger that automatically stored clients' data and allowed them to be able to view the data.
  • Full Stack developer in the Software Engineering Team focused on increasing functionality of the flagship product eResearch
  • Went through the product development life cycle: Analysis of Customer Issues, Development of Solution, Testing, Packaging, Integration, Repeat Life Cycle
  • Led project meetings to analyze current situation of the projects and made necessary adjustments to the project timeline
- **Website Director @ Little Tots Family Daycare** / August 2017 - Present
  Currently Website Director for Little Tots Family Daycare, local daycare that fosters growth in 1- 5 year olds.
  • Creating platforms for easy communication between new clients and the daycare's management
  • Providing a new, easier form of payment for current clients
  • Having a medium for current clients to be able to observe the daily activities of their children
  • Developing website using HTML, CSS, JavaScript, and Bootstrap

EXTRACURRICULARS

Sports Analytics at Berkeley / Business Coordinator, Data Journalist / Jan 2017 - Present
• Combined passions of sports and data analytics
• As a data journalist, I observed trends, used data science mechanisms, and simulated predictions to back up my opinion
• As a Business Coordinator, I organized external and internal events such as Industry Networking events and case competitions
• Starting to progress into projects involving predicting statistics of players, using ML and AI technologies

CS61A Course Staff / Academic Intern / Jan 2017 - May 2017
• Helped students in the course, Structure and Interpretation of Computer Programs
• Led lab sections, provided a studying strategies for students, and mastered & expanded my knowledge about Python

PROJECTS

- **Seshat**
  • Developed audit logger that stores clients' data and allows them to view changes
  • Self-learned and used HTML, JavaScript, NodeJS, Express, Caminte ORM, PostGreSQL, and MongoDB
  • Fixed previous audit system which was database oriented vs New system took virtual screenshot and stored into one database
  • Created generically, can be integrated to any application with a request object, and connected to SQL and non-SQL databases
- **BearMaps**
  • Using Java and AWS, recreated and deployed Google Maps experience for UC Berkeley
  • Worked with real data sets, used concepts such as rastering, data structures such as quadtrees and tries, and algorithms such as
- **Database**
  • Used Java to create a relational database management system using various data structures with a domain specific language
  • Built from ground up using purely Java and extensive knowledge of data structures

AWARDS

Dean's List, UC Berkeley / May 2017
• Recognizes outstanding academic achievement
• GPA in the top 4% of L&S undergraduates (normally about 3.85 – 3.90)

Washington High School Academic Top 10
• One of top ten students from graduating class of 2016
• Weighted GPA: 4.37.

PROFESSIONAL SKILLS