Ram Damodaran

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EDUCATION

WASHINGTON UNIVERSITY IN ST. LOUIS   **Expected Graduation: May 2022**
Bachelor of Science in Computer Science   **St. Louis, MO**
Minors in Mathematics   **GPA:** 3.87
- **Honors:** William H. Danforth Scholar
- **Teacher's Assistant Positions**: CSE 131 (Introduction to Computer Science), CSE 247 (Data Structures and Algorithms)
- **Relevant Coursework:** Data Structures and Algorithms, Introduction to Object Oriented Program Design, Introduction to Data Science, Rapid Prototype Development and Creative Programming

SKILLS

- **Proficient:** Python, Java, React
- **Familiar:** SQL, JavaScript, HTML5, CSS, C++, PHP, MongoDB

WORK EXPERIENCE

MICROSOFT   **May 2020 – August 2020**
Incoming Explore Intern   **Seattle, WA**
- Product management and software engineering internship

MAGELLAN HEALTH   **January 2020 – May 2020**
Software Developer, Project Lead   **St. Louis, MO**
- Developed website to enable real time patient prescription tracking using React and Bootstrap
- Used SOAP APIs from shipping vendors (UPS, FedEx) to get information on current status of customer's package
- Website expected to reduce call-center calls by 50%, with each call costing company $6 in operational costs

EMAGIA   **May 2019 - August 2019**
Software Development Intern   **San Jose, CA**
- Automated client invoicing by researching and helping integrate third-party invoicing software (Tradeshift) into Financial Assistant (Gia) Web Portal with Python Scripts
- Automated classification and extraction of financial statements (invoices, cash flow statements, etc.) with Gmail API and Tesseract OCR
- Researched and used RPA (Robotic Process Automation) tools for automating sending invoices

TOUCH-A-LIFE   **May 2019 – August 2019**
UI Design Intern   **San Jose, CA**
- Designed detailed user workflows for fulfilling charitable acts/donations on Touch-A-Life website
- Researched and implemented simple user-interface designs to maximize ease of using platform

BEST IN CLASS EDUCATION CENTER   **May 2017 – August 2019**
Manager, Tutor   **San Jose, CA**
- Created marketing plan for tutoring center to increase enrollment, including flyer outreach to local elementary schools and new advertisement posters to put in the center
- Tutored students from ages 6-16 various subjects including English, Math, and Biology

RESEARCH

WASHINGTON UNIVERSITY SCHOOL OF MEDICINE   **January 2019 – May 2019**
Undergraduate Researcher   **St. Louis, MO**
- Worked with Dr. Shabaana Khader on generating and sequencing a library of rifampicin-resistant rpoB mutants in different *Mycobacterium tuberculosis* (Mtb) strain backgrounds to find out if mutations modify immune responses
- Used critical thinking and problem-solving skills to figure out how to run PCR and gel electrophoresis experiments of rpoB mutant strains