RHYTHM SANJIV MECWAN

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CAREER OBJECTIVE   To obtain an entry-level position as a software developer to enhance understanding by creating, testing, maintaining, and designed different types of software.

EDUCATION

San Diego State University, San Diego   May 2019
Bachelor of Science in Computer Science   GPA: 3.7

RELATED COURSES

- Data Structures
- Computer Architecture
- Machine Organization and Assembly Language
- Discrete Mathematics
- Systems Programming
- Programming Languages
- Computer Security
- Database Theory and Implementation

TECHNICAL SKILLS

- **Certifications/Awards:** Microsoft Office, Dean's list   Fall 2015 – Spring 2017
- **Computer Languages:** Java, C, Assembly, SQL, JavaScript
- **Operating Systems:** Windows, UNIX
- **Linguistic Languages:** Fluent in Gujarati

JOB EXPERIENCE

Computer Science Teaching Assistant, San Diego State University   Oct 2017 – Present
- Lead TA office hours 10 hours a week, assisted professor and graded lab assignments.
- Helped students with debugging their data structure projects. Helped guide them to different approaches to a problem.

Student Network Technician   Mar 2016 – Present
  Telecommunications & Network Services, San Diego State University
- Manage CISCO data communications network throughout university campus. Configuration of CISCO and Alcatel switches to provide Wi-Fi throughout the campus.

Software Development Intern, Sharp Healthcare   June 2017 – Aug 2017
- Worked with the development of the Continuous Network Discovery Project that focused on constantly updating Sharp network database to maintain a current inventory of all the servers and web applications used within.
- Developed secure web applications with Continuous Network Discovery using Java, MyBatis, JSON, JQuery, XML, and Maven. Developed working knowledge on XML technologies JAXB. Gained elementary experience in using the Object Relational Mapping tool.

RESEARCH EXPERIENCE

Edwards Lab, San Diego State University   Jan 2016 – Mar 2018
  Computer Science Research Assistant, Bioinformatics
- Write code in C to research bacteriophage genomes to explore the connection of genotype to phenotype in microbial genomes. Write code in C to decode DNA sequences to find mutations in various DNA sequence files.

VOLUNTEER EXPERIENCE

Computer Science Labs, San Diego State University   Oct 2016 – Present
- Assist other undergraduate students with debugging, solution designing, and implementing classroom code.

LEADERSHIP SKILLS

- Technology Chair, San Diego State University   Aug 2015 – Dec 2017
  Residence Hall Association

Projects
- Eateries: Java restaurant program where users can input their location and their preferred cuisine to give ratings of different restaurants in the area. Implemented the Yelp API, made API requests, and generated a database.
- Hunt the Wumpus: Text based game in Java where an applet with a graphical user interface is implemented.
- Baseball Database: Used SQL to create a baseball player database with their statistics to retrieve data.
- iOS Calculator App: Used Swift in Xcode to create a simple calculator app to mimic the iOS calculator

Personal references available upon request