

Shivani Bhushan

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Education

BS Computer Science - University of California, Davis

Sept 2017 – Dec 2020

- GPA: 3.88
- Dean's Honor List

Relevant Courses:

- Object-Oriented Programming
- Data Structures, Algorithms & Programming
- Algorithm Design & Analysis
- Operating Systems
- Artificial Intelligence
- Machine Learning
- Intro to Data Science
- Computer Vision
- Computer Networks

Experience

Software Development Engineer Intern - Amazon

June - Sept 2020

- Placed on Amazon's Self-Service Performance Advertising (SSPA) Books team
- Added a filtering feature to an internal tool used for load and performance testing of the Amazon Ad Server
 - Setup a recurring ETL job to extract and store a list of books-related search queries using a handful of AWS services including AWS CDK, AWS Glue, and Amazon S3
 - Integrated filtering logic to existing package following high-quality coding practices
- Engaged in an Agile software development environment based on detailed project designing, numerous code reviews, unit testing, and debugging throughout the software release life cycle

Amazon Future Engineer Intern - Amazon

June - Sept 2019

- Practiced Agile software development on Amazon's SSPA Books team
- Designed, programmed, and launched an internal website which automates operations tasks using an internal Java Spring-based framework for scalability and reusability
 - Implemented the Spring MVC Framework for one tool on the internal website using HTML, CSS, JavaScript, Bootstrap, Fetch API to handle HTTP requests, and Java
 - Integrated authentication, authorization, and auditing to the internal website via APIs internal to Amazon

Computer Skills

Proficient:

- C, C++, Java, HTML, CSS, Git, Unix/Linux

Familiar:

- AWS, JavaScript, TypeScript, Angular, Android app development, R, MATLAB, Windows, Python

Leadership

Vice President of Davis Computer Science Club (DCSC) - UC Davis

Sept 2019 - June 2020

Volunteer mentor in the DCSC Bit-Byte program at UC Davis to advise fellow computer science students

Sept 2019 - June 2020

Treasurer of DCSC - UC Davis

Sept 2018 – June 2019

Awards

Best Officer for DCSC - UC Davis

June 2019

Best Education Hack - HackDavis

Feb 2019

- Won First Place in the Education category at HackDavis 2019
- Created a full-stack web application called StudiUs: a peer-to-peer tutoring platform based on the concept of a barter system.
- Built website using HTML, CSS, JavaScript, and Bootstrap
- Collaborated via Git and Github
- Used Google Firebase for database, authentication SDKs, and hosting.
- Supported messaging and video conferencing features by integrating Twilio APIs