

Abhishek Zaveri

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WORK EXPERIENCE

City of Cupertino

October 2017 – Present (Cupertino, CA)

Software Development Intern

- Build, maintain, and test city's full stack web applications in ASP.NET environment
- Collaborate with IT Manager and Business System Analysts to service all city departments requiring web/mobile applications
- Developing city's first bid management system for contractors to sign onto potential construction projects

Lydian Academy, LLC

September 2017 – Present (Menlo Park, CA)

Course Instructor

- Instruct AP mathematics and introductory computer science courses to high school students in an one-on-one setting
- Personalize lesson plans tailored to each student's needs and assess performance through weekly progress reports
- Interact and address concerns of any stakeholder including parents, students, and administration

UC Davis Information and Education Technology

March 2016 – August 2016 (Davis, CA)

Application Development Intern

- Participated in two-week Agile Scrum sprint process developing both back/front-end features for ServiceNow IT service management tool
- Utilized Javascript-based ServiceNow proprietary language to produce over 20 new client scripts, UI Action scripts, and server-side scripts
- Created new request management features that automate processes such as employee onboarding, account validation, and software requests
- Collaborated with QA leads to perform testing on new features for every release, using JIRA's ticketing software for documentation

UC Davis School of Medicine

July 2015 – March 2016 (Sacramento, CA)

IT Technician

- Setup large scale computer systems for staff members and medical doctors conducting research
- Performed advanced diagnosis of system failures
- Provided end user assistance to medical students and researchers

PROJECTS

CampFire – September 2017

NodeJS, ExpressJS, MongoDB, & HTML5/CSS3

- Developed and deployed (via Heroku) full-stack web application that finds campgrounds from all over the world submitted by users
- Created RESTful routes in Express.js, allowing users to create, edit, and delete campground posts and comments
- Added user authentication via Passport.js and associated user data with respective campgrounds in Mongo database
- Utilized geocoder package and GoogleMaps Javascript API to convert given addresses into coordinates and post exact locations of sites onto viewable map
- Implemented fuzzy search feature using JS regex functions, allowing users to find specific campgrounds

University Registrar Database – December 2016

Python & SQL

- Designed and built a database which provides all student, course, and instructor related data when queried
- Parsed over 90 CSV files containing twenty years of university data into proper SQL format using Python scripts and loaded into PostgreSQL database with Python psycopg2 library
- Wrote extensive SQL queries within Python scripts to provide results such as most difficult courses, students with highest GPAs, and best performing majors

TECHNICAL SKILLS

- **Languages** – C++, C, Javascript, Python, HTML/CSS, C#, MATLAB, SQL
- **Tools/Frameworks** – NodeJS, Express.js, jQuery, MongoDB, Cloud9, Bootstrap, Heroku, Git, JIRA, ServiceNow, XCode, Unix/Linux, Visual Studio, Windows SQL Server, ASP.NET

EDUCATION

- **B.S. Computer Science, University of California, Davis**, Graduation Date: December 2016

CERTIFICATIONS

- **The Web Developer Bootcamp** – Udemy, September 2017
- **Machine Learning** – Stanford University, February 2017