

Dehowe Feng

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Education

University of California, Davis Davis, CA 2012–2016

Bachelor of Science, Computer Science

Relevant Coursework: ECS 40 Object Oriented Programming, ECS 60 Data Structures, ECS 122A Algorithm Design and Analysis, ECS 150 Operating Systems, ECS 152A Computer Networks, ECS 153 Computer Security, ECS 154A Computer Architecture, ECS 165A&B Database Systems

Experience

Software Developer, Bitnine Global Inc., Santa Clara, CA

02/2017 – Present

Implemented new features in the company's core product, a fork of the open source database PostgreSQL. Worked to add features to the data visualization component of the company's customer web application using Javascript (AngularJS Framework).

Wrote, edited and revised software documentation by creating use case examples for certain features and installation instructions for the product.

Worked closely with the marketing department in developing marketing strategy, product demonstrations, and client support.

Created a data import plugin using Java to connect the company product to a data visualization platform. Created a graph database schema for, and wrote scripts to import IMDb data into the company's core product.

Presented said IMDB import project as a key speaker at a local company-sponsored meet-up for 40 attendees.

Added features to the company website, including syntax highlighting and keyword search.

Research Assistant, University of California, Davis, CA

03/2016 – 06/2016

Outlined, drafted, and developed a proposal for large-scale sentiment analysis of web search results.

Used Stanford CoreNLP with Python to scrape and analyze text from web searches for positive and negative sentiment.

Personal Projects

Personal Website

Designed a minimalist website using HTML/CSS hosted through GitHub.

Integrated Google Analytics to track page visits.

iTunes File Insertion Tool

Inserted items into a directory tree and added files into iTunes upon insertion into said tree using Python.

Allowed for an organized library of music, both through iTunes UI and in the underlying file directory.

Technical Skills

I've extensively used Java, C, and Python among other programming languages. I also have experience with bash scripting, Git version control, HTML+CSS, Javascript, C++, PostgreSQL and relational databases in general as well. I personally prefer using Sublime Text as my text editor, but am also familiar with vim, and more specialized tools like NetBeans and XCode.

Interests

In no particular order: hiking, camping, DJing & Controllerism, fitness, PC building, film, animation, technical clothing, board games, world cultures, petting dogs