Neil N. Toledo

(619) 990 - 3034 · ntoledo@berkeley.edu · ntoledo.me

EXPERIENCE

Infinite Uptime | Data Science Intern - Summer 2018
- Developed a responsive data visualization and reporting application using the Bokeh Python Library
- Used Docker to deploy the application with a Cloud SQL Proxy to Google Kubernetes
- Created an API with Flask that temporarily invokes Google Compute VM instances to run BigTable Data Transfers

PERSONAL PROJECTS

ULAB Member Dashboard
Django Web Application
Fall 2018

Full Stack Project for managing and maintaining ULAB members as well as providing an online portal for members to view announcements and build research profiles for peers and recruiters to view.
- Designed database schema to support member profiles, announcement posts, lab and research project pages.
- Designed a complete UI with a cohesive flat design and an emphasis on user-friendly navigation using pure CSS.
- Developed proficiency in using Django for web development and rapid prototyping and designing backend schemas.

2Day's New Tab Page
Chrome Extension
Spring 2017

Developed and published a Chrome Extension that displays Google Calendar events, custom bookmarks and weather in place of the new tab page.
- Implemented OAuth2.0 login with Google Calendar API and extensive use of Chrome and weather API's
- Responsive Front End UI using HTML, CSS, and Javascript
- Implemented Back End in pure Javascript using Chrome Storage to save user settings and custom wallpapers.
- Currently published in Chrome Web Store with roughly 150 Users :)

Other Projects

2Day's Notepad: Minimal Chrome Web App for writing down quick notes.
PeerQueue: Ruby on Rails Web App to raise efficiency for students getting help in Office Hours
Personal Website: Fun static website project for experimenting with CSS animations and transitions.

EDUCATION

University of California, Berkeley | Berkeley, CA | Aug 2015 – May 2019
Electrical Engineering and Computer Science (EECS)
Relevant Coursework: Principles and Techniques of Data Science, Operating Systems, Data Structures, Machine Structures, Efficient Algorithms, Computer Security, Intro to Artificial Intelligence, Intro to Database Systems, Intro to Internet: Architecture and Protocols

SKILLS

Technical Languages: Python, Java, C, HTML, Javascript, CSS, SQL
Frameworks/Libraries: Django, Flask, BokehJS, Ruby on Rails, NumPy and Pandas
Software/Tools: Google Compute Engine and Kubernetes, Docker, Git/Github,
          Adobe Illustrator, Autodesk Maya, Fusion360
Languages: Fluent in English and Tagalog
Other Interests/Hobbies: Game Development, ChromeOS, Linux, Animation, Woodworking, Interior Design

EXTRACURRICULARS

Undergraduate Lab @ Berkeley - Advanced Technologies Group | Deputy Director of ATG and Senior Software Developer
- Assists in running ATG and overseeing its organization and operations
- Provides Mentorship and Guidance for designated Project Teams