

# Neil N. Toledo

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## EDUCATION

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**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

## PROFESSIONAL EXPERIENCE

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**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 web application with a Cloud SQL Proxy to Google Kubernetes
- Created an API with Flask that temporarily invokes Google Compute VM instances to run larger Bigtable data transfer jobs in a Docker container.

## PERSONAL PROJECTS

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### [ULAB Member Dashboard](#)

Django Web Application

Fall 2018

Full Stack Project for managing and maintaining ULAB club members as well as providing an online portal for members to view announcements and manage research projects..

- Designed database schema to support member profiles, announcement posts, labs and research project pages.
- Designed a user interface 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 and reached 175+ Users :)

### [AniBook Web Application](#)

React Web Application

Spring 2019

Developed and published a React App that displays currently airing anime and allows you to save and favorite shows and filter them by titles and genres. Currently deployed using Surge.sh.

- Used the Jikan unofficial MyAnimeList REST API to retrieve data of shows
- Developed proficiency and a deeper understand of React and React concepts/design decisions.

### Other Projects

[Jekyll Blog](#): Personal Blog to showcase projects and maintain a consolidated reference of notes.

**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

## SKILLS

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**Technical Languages:** Python, Java, C, C#, JavaScript

**Additional Technologies:** ReactJS, HTML, CSS, SQL, Django, Flask, BokehJS, Jekyll, NumPy and Pandas

**Software/Tools:** Google Compute Engine and Kubernetes, Docker, Git/Github,

Unity, Adobe Illustrator, Autodesk Maya, Fusion360

**Languages:** Fluent in English and Tagalog

**Other Interests/Hobbies:** Game Development, ChromeOS, Linux, Animation, Woodworking