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# **EXPERIENCE**

#### UCSD DEAN'S OFFICE, SCHOOL OF MEDICINE | PROGRAMMER ANALYST | San Diego, CA

JULY '16 - APRIL '17

Created web applications to aid business operations for the UCSD School of Medicine

- Created secure, documented, normalized, indexed, and efficient database schemas
- Developed Perl and Bash scripts to efficiently automate manipulation of MySQL databases
- o Developed Java web applications from stakeholder proposals within the UCSD School of Medicine

#### BREWNGO | WEB DEVELOPER/WEB DESIGNER | Brewngo.com | San Diego, CA

JULY '16 - SEPT '16

Startup company introducing the world's first automatic and portable coffee/tea brewer

- o Implemented third-party applications such as Squarespace to prototype and template design ideas
- o Researched competitive marketplace and their websites to learn how to tailor to audience experience
- Explored different forms of user testing such as implementing Crazy Eggs to generate visitor heatmap

## KARMONIZE | WEB DEVELOPER | karmonize.org | San Diego, CA

MAY '16 - JULY '16

A modern social bartering system in which currency is spent and received via everyday services

- o Independently picked up weekly tasks to complete via team discussion board during development
- Attained valuable, first-hand experience concerning version control and responsive design
- Created front-end views to show informative data in intuitive and visual ways

# **PROJECTS**

# CLICKNDIG | UI/UX DESIGNER / WEB DEVELOPER | https://clickndig-potato.herokuapp.com

JAN '17 - MAR '17

High Fidelity E-Commerce site for a popular item-finding product

- Communicated with product owner to re-design and re-brand product to appeal to target audience
- o Facilitated design-centered discussion, ideation, and whiteboarding to satisfy stakeholders' needs
- o Assembled high-fidelity prototype within a week using HTML, CSS, and JavaScript

### GRAPE | UI/UX DESIGNER / WEB DEVELOPER | grapeapp.herokuapp.com

JAN '16 - MAR '16

Mobile web application that encourages users to perform and keep track of good deeds

- Conducted in-person field work for user testing of around 100 subjects with a team of three
- Implemented hierarchical html architecture with the use of Handlebars and JQuery
- Employed A/B testing to determine whether buttons or lists would result in more page clicks

## MULTI-ASIAN STUDENT ASSOCIATION | WEB DEVELOPER | masa.ucsd.edu

FEB '16 - APR '16

Official website for the largest social-cultural organization at UCSD

- Designed a responsive, user-friendly web interface using HTML, CSS and Bootstrap
- o Advertised website largely through Facebook and word-of-mouth for an audience of over 2,000.
- o Wrote extensive documentation and comments within code for successors to maintain

# **SKILLS**

#### LANGUAGES: TOOLS: DESIGN: Java MySQL UI/UX Design 0 0 0 **JavaScript SOL Server** Paper Prototyping 0 0 C Bootstrap Wireframing/Balsamig 0 0 0 HTML5 InvisionApp 0 0 **JQuery** 0 CSS3 Photoshop Git 0 0 0

## **EDUCATION**

## UNIVERSITY OF CALIFORNIA, SAN DIEGO

SEPT '14 - PRESENT

- Major: Cognitive Science w/ Specialization in Human-Computer Interaction, B.S.
- o *Minors*: Computer Science, Business
- Expected Graduation. June 2018
- o Current GPA: 3.50