Kate Wong

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EDUCATION

University of California, San Diego   La Jolla, CA   SEP 2015 – JUNE 2019
Bachelor of Science – Computer Science, GPA: 3.97.
Minor: Cognitive Science
Education Abroad: American University of Rome, on the Italian Renaissance. During summer 2016.

COURSEWORK

COGS 120: Human Computer Interaction Design (HTML, CSS, JS, JQuery)
CSE 151: Intro to AI, Statistics Approach (Python)
CSE 101: Design and Analysis of Algorithms
CSE 100: Advanced Data Structures (C++)

MATH 183: Statistical Methods (R)
CSE 30: Computer Organization & Systems Programming (ARM, C)
CSE 21: Math/Algorithms & Systems Analysis
CSE 12: Basic Data Structures & Object-Oriented Design (C, C++, Java)

EXPERIENCE

Santa Clara County, Social Services Agency: Associate Developer   JUL 2017 – SEP 2017
Developed web application to streamline documentation process of the Receiving Center for child welfare. Created components of user interface using SmartUX, AngularJS. Created Java REST web service to communicate with Microsoft SQL database with assistance of AutoIt. Designed key application graphics.

PROJECTS

DOZE: FEB 2017 – CURRENT
An Android app designed to help people fall asleep faster based on personal preferences through the use of a routine "checklist" of small, guided activities, such as virtual bubble-blowing. 2nd place winner of the UCSD Application Student Innovation Contest. Developed on Android Studio, Adobe Photoshop.

Risa's Garden: (Devpost: http://bit.ly/2duYio4).   SEP 2016 – OCT 2016
An interactive storybook for children with themes of investment, diligence, and friendship. Winner of SDHacks 2016 1517 $1k Grant for unique hackathon project that can become a product post-hackathon. Developed in Adobe Flash and Actionscript 3.0. Mainly focused on event handling and animation of graphics.

SKILLS

Languages: Java, C, C++. **Technologies:** Android Studio, UNIX, Eclipse, NetBeans, Adobe Photoshop, Premiere

ACTIVITIES

Tau Beta Pi: Community Service Chair   SEP 2017 – CURRENT
Created community service events with non-profit organizations for engineering honors society. Served on Pi Day committee to celebrate pi. Led science experiments with children in orphanages in Tijuana. Initiated as a member February 2017.

San Francisco International Ocean Film Festival: Judge   DEC 2013 – AUG 2016
Volunteer judge for the non-profit annual international student film competition.

Math Enrichment: Teacher's Aid   JUN 2015 – JUL 2015
Taught mathematics and language arts to class of 40, Kindergarten through 2nd grade students.