

ALEX (CHO-YUAN) SU

Box 20390, 9450 Gilman Dr. | La Jolla, CA 92092-0100 | (626) 898-1047
<https://linkedin.com/in/choyuansu> | <https://github.com/choyuansu> | choyuansu@gmail.com

OBJECTIVE: SEEKING INTERNSHIP IN SOFTWARE ENGINEERING

EDUCATION

UNIVERSITY OF CALIFORNIA, SAN DIEGO

Expected Graduation: 2019

B.S. Math and Computer Science

- CSE 11: Intro to Computer Science and OOP: Java
- CSE 12: Basic Data Structures and Object-Oriented Design
- CSE 15L: Software Tools and Techniques Lab
- CSE 20: Discrete Mathematics
- CSE 21: Mathematics for Algorithms and Systems
- CSE 30: Computer Organization and Systems Programming
- CSE 100: Advanced Data Structures

SKILLS

- **Programming Languages:** Java, C/C++, HTML, CSS, PHP, Javascript, Python, SPARC Assembly
- **Software:** Microsoft Office, Selenium, Git, Vim, Eclipse, JUnit, GDB, Visual Studio, Android Studio
- **Operating System:** Mac OS, Microsoft Windows

PROFESSIONAL EXPERIENCE

TREND MICRO INC.

Quality Assurance Intern

Jul.-Aug. 2015

- Tested UI of Trend Micro Endpoint Application Control on various browsers and operating systems
- Learned and presented using Selenium to generate Python code for automated testing
- Learned about test-driven development, software design, and quality control

CYBERLINK CORP.

Software Engineering Intern

Jul.-Aug. 2016

- Implemented functions for UHD-BD hardware detection into a Windows application using C++
- Integrated Cast v3 for Chromecast in Android APP CyberLink Power Media Player

PROJECTS

Online Tip Calculator (PHP)

Dec. 2016

Source Code: github.com/choyuansu/TipC

- Calculates the tip amount and the total cost

File Compression Tool (C++)

Nov. 2016

- Command-line based file compression tool implemented with Huffman coding

Personal Website (HTML & CSS & Javascript)

Oct. 2016

Source Code: github.com/choyuansu/choyuansu.github.io

URL: choyuansu.github.io/

- Basic personal website that contains my resume and contact information

Automated Testing (Python)

Aug. 2015

- Automates repetitive tests on browser-based application and automatically generates logs for failed tests
- Allows a wider range of input combinations to be tested simultaneously on various browsers and OS

Predicting Customers' Level of Interest Using Machine Learning With Behavioral Features (C++) Jan. 2014

- Automatically extract certain eye-related features from a fixed-background video
- Generates model that predicts a person's level of interest on items using machine learning
- Analyzed the influence of each feature on the model

COMPETITIONS

SD Hacks – Participant

Oct. 2016

- Built personal website and attended multiple workshops

ADDITIONAL INFO

INTERESTS: Playing basketball and board games

LANGUAGES: Native in Chinese, fluent in English