

Vincent Chov

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EDUCATION

University of Connecticut, Storrs, CT

MAY 2017

Bachelor of Science in Engineering

Major: Computer Science and Engineering

GPA: 3.16/4.00 in the past 53 credits; 2.72/4.00 overall

TECHNICAL SKILLS

FRAMEWORKS/UTILITIES: Git, Android, Flask, Django, Express.js, SQLAlchemy, Bootstrap, Vim

LANGUAGES: Java, Python, Node.js

OPERATING SYSTEMS: Debian, Arch Linux, Windows

PROJECT EXPERIENCE

Senior Design Project: Android Security Risk Assessment

University of Connecticut, School of Engineering, Storrs, CT

FALL 2016 - SPRING 2017

- Co-leader of the Senior Design team.
- Write the Android client to interface with a Flask-based REST API.
- Analyze applications' APK files to perform application security checks.
- Configure Celery and Redis to enable the use of asynchronous tasks.

Northwind E-Commerce Django Application

University of Connecticut, School of Engineering, Storrs, CT

FALL 2016

- Extended an existing MySQL database to develop an application using the Django MVC framework.
- Deployed the web application online for ease of use.

RELATED EXPERIENCE

No Swiping: Flask application that facilitates use of the sharing economy

Hack Harvard Hackathon, Cambridge, MA

FALL 2016

- Designed the database schema and structure of the application's URL endpoints.
- Used Bootstrap and Jinja2 templating to display paginated results to the user.

ScripScan: iOS Application to help the visually-impaired identify medication

AT&T Mobile App Hackathon, New York, NY

SUMMER 2016

- Designed and implemented the image to text algorithm in Python.
- Modified images on a Node.js/Express.js server to yield the best possible input for Tesseract OCR.
- Implemented autocorrect to correct the OCR output and enable proper text to speech.

OTHER EXPERIENCE

Web Developer

Hartford Underground, Hartford, CT

JAN 2017 - PRESENT

- Updated layout of website to maintain consistency of design elements and information.
- Introduced PHP code to automate embedding of ticket forms.

Information Technology Assistant

Nails by Salina, Fairfield, CT

AUG 2011 - PRESENT

- Managed networking and newsletters to inform customers of deals.
- Worked during school breaks to fund educational expenses.

VOLUNTEERING

Canvasser and Data Entry Clerk

U.S. Presidential Campaign, NH, MA, CT, and NJ

JUNE 2015 - JULY 2016

- Informed voters of the policy positions of our candidate to persuade them to vote.
- Performed data entry using the NGP VAN voter database to effectively direct other canvassers.