

# Vincent Chov

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## EDUCATION

UNIVERSITY OF CONNECTICUT, Storrs, CT  
B.S.E. Computer Science and Engineering

MAY 2017

## TECHNICAL SKILLS

FRAMEWORKS/UTILITIES: Bootstrap, Django, Flask, Git, JQuery, MySQL, Static Site Generators

LANGUAGES: Coconut, Java, JavaScript (Node.js), Python

WORKING KNOWLEDGE: Android, Microsoft SQL Server, Pandas, Selenium

EXPOSED TO / USED: C, Go, Haskell, Standard ML

## WORK EXPERIENCE

### SOFTWARE ENGINEER

Parametric Solutions, Inc. (PSI), Hartford, CT

JUNE 2017 - PRESENT

- Developed software to automate the testing of Pratt & Whitney engine test facilities.
- Migrated the company ticketing system to use SQL Server to save HR hours of manual work.
- Write documentation for existing and new applications to help both users and developers.
- Serve as communication intermediary between project managers and off-site IT team.

### SOFTWARE DEVELOPMENT SPECIALIST

Hartford Underground, Hartford, CT

JANUARY 2017 - PRESENT

- Introduced templating to maintain consistency of information across the website.
- Enabled PHP shortcodes to automate embedding of Eventbrite forms.

## PROJECT EXPERIENCE

### AMVERNON MACHINE LEARNING CALENDAR

Hartford, CT

AUGUST 2017 - SEPTEMBER 2017

- Used Naive Bayes Classification to generate Google Calendar events from a printable event calendar.
- Serialized events using Machine Learning, Regular Expressions, and Approximate String Matching.
- Packaged and published on the Python Package Index (PyPI) for use as both a script and a library.

### SELENIUM COURSE GRABBER

Hartford, CT

AUGUST 2017

- Used the browser testing framework to directly-download purchased programming tutorials.
- Monitored Chrome's network logs to determine location of direct downloads from streaming site.

### SENIOR DESIGN PROJECT: ANDROID SECURITY RISK ASSESSMENT

University of Connecticut, School of Engineering, Storrs, CT

FALL 2016 - SPRING 2017

- Coleader of the Senior Design team.
- Wrote the Android client to interface with a Flask REST API hosted on an Nginx/Gunicorn server.
- Configured Celery and Redis to enable the use of asynchronous tasks and enable greater concurrency.

## RELATED EXPERIENCE

### BREADCRUMBS: WEB APPLICATION TO SHARE MEMORABLE LOCATIONS

Hamp Hack Hackathon, Amherst, MA

SPRING 2017

- Enabled Google OAuth 2.0 authentication to store user-saved Google Maps locations.
- Used Materialize CSS and JQuery on the front end to display locations users have saved.

## VOLUNTEERING

### LINUX AND PYTHON INSTRUCTOR

Fairfield Warde High School, Fairfield, CT

MAY 2017

- Taught an introductory course on how to use a Linux Terminal as well as how to program in Python.
- Provided ongoing support to students who wish to apply their new skills at a hackathon.
- Offered course materials and exercises on my personal course website.

## HELPFUL LINKS

```
links = [ 'vincentchov.com/{x}'.format(x) for x in [ 'resume', 'github', 'linkedin' ] ]
```