

# Vincent Chov

(203) 543-3274 • [vincent.chov@uconn.edu](mailto:vincent.chov@uconn.edu) • [vincentchov.com/github](http://vincentchov.com/github)

## 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

OPERATING SYSTEMS: Arch Linux, Debian, Windows

BASIC KNOWLEDGE: Android, C, Go, MS SQL Server, Pandas, Selenium, Standard ML

## WORK EXPERIENCE

PROPULSION SYSTEM ANALYST I / SOFTWARE DEVELOPER / IT TECHNICIAN

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 a SQL Server-based backend to streamline reporting.
- Used dynamic pivot tables among other SQL queries to save human resources hours of manual work.
- Serve as communication intermediary between project managers and off-site IT team.
- Troubleshoot in-house networking and configure connection to the PSI and Pratt & Whitney intranet.

## WEB DEVELOPER

Hartford Underground, Hartford, CT

JANUARY 2017 - PRESENT

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

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' ] ]
```