

Paul Corrao

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Skills

C#	Bootstrap	Python
ASP.NET Core	Git	SQLAlchemy
EntityFrameworkCore	Github	Flask
MVC	SQL/MySQL	Jinja2
MVVM	HTML/CSS	Visual Studio Code
Visual Studio Community 2017	MAMP	PyCharm

Project Experience

10/2017 – 03/2018

Launchcode C# Project: CheeseMVCPersistent

<https://github.com/PaulC2017/CheeseMVCPersistent.git>

Object Oriented application, developed as part of lecture series, demonstrating use of C#, ASP.NET Core, the EntityFrameworkCore, MVVM, rendering drop down boxes on user input forms and One-to-Many and Many-to-Many relationships. Functions include creating a database, adding items to the database, validating user input prior to adding items to the database, showing a list of items in the database and removing items from the database. Developed code for inclusion in Category and Cheese Controllers, Models, Data section, ViewModels and Views. Also executed database migrations and updates to reflect the Models.

Launchcode C# Project: UserSignup

<https://github.com/PaulC2017/UserSignup.git>

Object Oriented application, developed as part of lecture series, demonstrating use of C#, ASP.NET Core, MVVM. Functions include adding user names, user emails, user passwords and date user id created to a list of users, validating user input prior to adding user info to the list and showing a list of users. Developed code for inclusion in User Controller, Models, ViewModel and User Views.

Launchcode C# Project: TechJobsOO

<https://github.com/PaulC2017/TechJobsOO.git>

Object Oriented application, developed as part of lecture series, demonstrating use of C#, ASP.NET Core, MVVM and rendering drop down boxes on user input forms. Functions include adding new Tech Job to a list of Tech Jobs, displaying information associated with a single job, validating user input prior to adding a new job to the list and showing a list of users. Developed code for inclusion Job Controller, ViewModels and Job Views.

Launchcode Python Project: Blogz

<https://github.com/PaulC2017/blogz.git>

Object Oriented application, developed as part of lecture series, demonstrating use of Python, HTML/CSS, Flask, Jinja2, SQLAlchemy, MAMP and One-To-Many Relationships. Functions include creating a database, adding users to the database, validating user signup info prior to adding user to the database, user login validation, showing a list of users in the database, showing all blog posts from all users, all blog posts from a single user, adding new blog posts and logging out. Developed code for inclusion in main.py and helpers.py, HTML templates and CSS styles.

You can see a demo of this program at <http://privateid.pythonanywhere.com/>

Launchcode Python Project: Get-It-Done

<https://github.com/PaulC2017/Get-It-Done.git>

Object Oriented application, developed as part of lecture series, demonstrating use of Python, HTML, Flask, Jinja2, SQLAlchemy, MAMP, Sessions and One-To-Many Relationships. Functions include creating a database, adding users to the database, validating user signup info prior to adding user to the database, user login validation, logout functions, showing a list of tasks associated with a user, adding tasks to the users task list, marking user tasks as completed and showing a list of completed and pending tasks associated with a user. Developed code for inclusion in main.py and HTML templates.

Launchcode Python Project: Flicklist-Flask

<https://github.com/PaulC2017/flicklist-flask/tree/studio9>

Object Oriented application, developed as part of lecture series, demonstrating use of Python, HTML, Flask, Jinja2, SQLAlchemy, MAMP, Sessions, Models, password hashing with “salt”, rendering drop down boxes and One-To-Many Relationships. Functions include creating a database, adding users to the database, validating user signup info prior to adding user to the database, user login validation, logout functions, showing a list of movies to be viewed associated with a user, adding movies to the users view list, marking user movies as viewed, user ratings of movies viewed and showing a list of movies the user viewed. Developed code for inclusion in main.py, models.py and hashutils.py.

Launchcode – Various C# and Python Projects

<https://github.com/PaulC2017>

Employment Experience

Interxion, a European colocation/data center provider Amsterdam, NL

11/2011 – 3/2016

- Responsible for providing Operations Support for *Interxion*’s 35+ European Data Centers.
- Improved the European Customer Service Center (ECSC) performance from consistently missing Service Level Agreements (SLAs) to meeting them over 95% of the time without an increase in staff or other costs.

Voxeo Corporation, a technology/data center provider Orlando, FL

9/2008 – 3/2011

- Responsible for the supporting the Engineering and Operations departments of *Voxeo*’s Worldwide Data Centers and IP networks.
- Re-architected and deployed IP Network and Worldwide Data Center sites and architecture, reducing SLA payments from 3% of revenue to 0.
- Led the Payment Card Industry, Data Security Standard (PCI DSS) compliance operations effort for *Voxeo*’s Frankfurt, DE data center, resulting in a successful compliance audit. As a result, prior to its acquisition by *Aspect*, *Voxeo* was successfully listed on the *Visa* website site of PCI certified vendors.

Syniverse Technologies, a network services provider for the wireless industry Tampa, FL

7/2003 to 1/2008

- Responsible for supporting the Engineering and Operations departments of *Syniverse*’s SS7 and IP networks.
- Successfully developed and implemented several major process changes designed to eliminate customer service disruptions due to change activity on the network.

Education

CUNY – Queens College, Queens, NY - B.A. Computer Science

LC101 – A 20-week program that focuses on programming fundamentals and web basics. Curriculum covered C#, ASP.NET, EntityFrameWorkCore, Razor, MVC, MVVM, Python, Flask, Jinja2, SQLAlchemy and MySQL