

# NATHAN ZAMKOV

Potomac, MD 20854 | 301-221-1120 | nathanzam@gmail.com

Github: <https://github.com/nathanzam>

## PYTHON DEVELOPER | FULL-STACK DEVELOPER | SOFTWARE ENGINEER

- Experience as a Software Programmer using Python, Django, Flask, PostgreSQL, AngularJS, HTML
- Experience in object-oriented programming (OOP) concepts using Python
- Experienced in frameworks like Django, AngularJS, and Bootstrap UI
- Expert knowledge of and experience in Object Oriented Design and Programming Algorithms.
- Experience with Design, code, and debug operations, reporting, data analysis and web applications utilizing Python.
- Proficient in SQL databases writing Sub Queries, Stored Procedures, Triggers, Cursors, and Functions on PostgreSQL
- Excellent written and oral communication skills with results-oriented attitude.

### TECHNICAL SKILLS

<i>Programming Languages</i>	<i>Python, JavaScript, HTML5, CSS3, SQL</i>
<i>Web Technologies/Development Frameworks</i>	<i>Django, Numpy, Pandas, Flask, API Calls, jQuery, AJAX, JSON, AngularJS, Sass, BootstrapUI</i>
<i>Database</i>	<i>PostgreSQL, SQL Alchemy</i>
<i>Tools/Methodologies</i>	<i>GitHub, Anaconda, Jupyter Notebook, pgAdmin, Atom, Bash, Agile</i>
<i>Cloud Technology</i>	<i>Software Development, Scrum</i>
<i>Software</i>	<i>ElephantSQL, Heroku</i>
	<i>Microsoft Office (Word, Excel, PowerPoint)</i>

### DEVELOPMENT PROJECTS

#### FILM SITE (CAPSTONE PROJECT)

Movie fan website using HTML5, CSS3, Bootstrap UI, AngularJS for API call to display movie showtimes in a given zip code, API call to local FLASK server, page templating, JavaScript and jQuery to make API calls to Google Maps and Google Places. Created in Django and uses Python API call to Braintree to allow credit card and PayPal purchases.

#### WEWORK APPLICATION

Application with PostgreSQL database and AngularJS display.

#### WEATHER APP

Single page weather web application parsing JSON file from AJAX API call in jQuery.

#### ADVENTURE APPLICATION (EGG IN BASKET GAME)

Text game in Python.

#### SHOPPING LIST APPLICATION

Text shopping list with save and load functionality in Python.

---

## PROFESSIONAL WORK EXPERIENCE

---

### **CODING TEMPLE – WASHINGTON D.C August 2017 -Present**

#### **Software Engineer**

Part of a team that developed various software projects including E-commerce Application, Console based Application, and Web Application. Effectively communicated with a team to help foster support, and resolve issues in the timely delivery of the project deliverables. Areas of support include database design, architecture & development.

- Developed web applications using HTML, CSS, JavaScript, Angular JS, Python, Django and SQL
- Built an e-commerce website from the front-end to the back-end
- Experienced in developing API's with Python and JavaScript programming languages
- Have experience in Agile Methodologies, Scrum stories and sprints experience in a Python based environment, along with data analytics
- Involved in building database Model, APIs and Views utilizing Python, in order to build an interactive web based solution.
- Built client server responsive
- Utilized web technologies, web development and server side components
- Created a Web APIs to allow website to access information stored in the database
- Used JavaScript and Angular JS to add dynamic and interactive features such as filtering products and writing product reviews

### **WELLNESS CORPORATE SOLUTIONS – BETHESDA, MD - FAIRFAX, VA**

**July 2014 –August 2017**

#### **Logistics Systems Specialist**

Implementation, training and process improvement of all computer systems within Logistics department. Also performed quality control checks and packing of materials for shipping. During tenure department error rate dropped from 25% to below 2%.

### **ELITE PERSONNEL – BETHESDA, MD**

**June 2010 –July 2014**

#### **Associate**

General office work including data entry, filing, correspondence via mail, email and the telephone, management of office supplies, and oversight of shipping operations, for various clients.

### **RAINKing SOLUTIONS– BETHESDA, MD**

**October 2009 –February 2010**

#### **IT Associate**

Worked on computers developing database of information on IT departments of billion dollar companies using internet searches, and conducting email and telephone interviews. Also responsible for the management of assistant researcher in India.

---

## EDUCATION

---

UNIVERSITY OF MARYLAND, COLLEGE PARK, MD  
B.A. CRIMINOLOGY AND CRIMINAL JUSTICE, MAY 2009

---