Matthew Tsenkov

(734)-262-4025 | matthew.tsenkov@gmail.com | linkedin.com/in/matthew-tsenkov/ | mtsenkov.com

EDUCATION

Eastern Michigan University - Ypsilanti, MI
Bachelor of Science in Computer Science, GPA: 3.68/4.0   **September 2016 - April 2020**
Minor in Communication

RELEVANT COURSE PROJECTS

- Capstone Senior Project (Winter 2020) – developed a 2D Tower Defense game using C#, Git, GitHub, and Unity for the company Azure Ravens Entertainment
- Fantasy Baseball Console Text-Driven System (Fall 2019) - worked in a team to develop a fantasy baseball system using Test-Driven Development, Scrum agile practices, Java, Git, GitHub, JUnit & Code Coverage
- User Database (Winter 2019) – Developed a database system using Java and various simple and complex data structures and algorithms

TECHNICAL AND LANGUAGE SKILLS

Programming Languages: Java, Python, C, C#, HTML, CSS, JavaScript, PHP
Technologies and Frameworks: JUnit, Git, GitHub, jQuery, Bootstrap, Java Code Coverage (EclEmma), XAMPP, VMWare, VirtualBox, Visual Studio, Eclipse, Unix, Windows PowerShell
Agile Practices: Test-driven development, Scrum, paired programming
Design and Development Practices: Object-oriented programming, UML diagrams, Functional programming
Languages: English, Native Bulgarian, basic French and Russian

RELEVANT EXPERIENCE

Konsulko Group - Sofia, Bulgaria
Software Engineer Intern   **May 2018 - August 2018**

- Used Linux as main Operating System to automate tasks for Linux using Python and Shell Scripting
- Exposed to Yocto project, BitBake and Raspberry Pi to create customized Linux Distributions for clients
- Encrypted partitions in Unix environments using LUKS
- Generated and deployed encryption keys to use the Secure Shell Protocol to get into a server

PERSONAL PROJECTS/PROFESSIONAL DEVELOPMENT

- Working towards completion of the Web Developer Bootcamp on Udemy
- Built a portfolio website using HTML5 template and hosted it on GitHub Pages
- Developed a Heat Map displaying COVID-19 cases in Michigan using Python, JSON, and Folium library
- Created basic WebCrawler using libraries such as beautifulSoup4 in Python to scrape various HTML tags
- Built a basic Keylogger using libraries such as pywin32 and pyHook in Python

ADDITIONAL EXPERIENCE

Eastern Michigan University - Ypsilanti, MI
Eastern Michigan University Men's Swimming Team   **September 2016 – April 2018**

- Full scholarship
- Committed 20-25 hours per week to weight training, skill work, practice, conditioning, and meetings
- Participated in leadership and team building exercises
- Accustomed to performing in high pressured situations

ACTIVITIES AND AWARDS

- CSCAA Scholar All-America - Honorable Mention   **June 2018**
- Achieved Division I NCAA "B" standard in swimming   **February 2018**
- Received National Scholars Program (NSP) Scholarship award   **September 2016**
- Certificate for Open Water, Surf, Pool and Waterpark Lifeguard   **July 2016**
- Participated in European Olympic Games in Baku, Azerbaijan   **June 2015**
- Participated in European Youth Olympic Festival in Utrecht, Netherlands   **July 2013**
- Multiple Bulgarian Record Holder in swimming   **March 2011 – December 2011**