Matthew Tsenkov

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

EDUCATION

Eastern Michigan University - Ypsilanti, MI
Bachelor of Science in Computer Science, GPA: 3.67/4.0   **September 2016 - April 2020**
Minor in Communication

RELEVANT COURSE PROJECTS

- Got Dam (Winter 2020) – working in a team to develop a 2D game using C#, Git and Unity, responsible for merging content and being Scrum master during out three sprint cycles
- Capstone Senior Project (Winter 2020) – working in a team to develop a 2D Tower Defense game using C#, Git and Unity for the company Azure Ravens Entertainment
- Fantasy Baseball Console Text-Driven Game (Fall 2019) - worked in a team to develop a fantasy baseball game using Java, Git and JUnit testing
- Database system (Winter 2019) – developed a database system using Java, implementing it with different data structures such as Ordered Arrays, Doubly Linked Lists, Binary-Search Trees and sorting algorithms

TECHNICAL AND LANGUAGE SKILLS

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

RELEVANT EXPERIENCE

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

- Used Linux as main Operating System in order to automate tasks for Linux Distributions
- Exposed to Yocto project and BitBake to create customized Linux Distributions
- Encrypted partitions in Unix environments using LUKS
- Created encryption keys and used them to SSH into a server

PERSONAL PROJECTS/PROFESSIONAL DEVELOPMENT

- Created basic WebCrawler using library such as beautifulSoup4 in Python to scrape various HTML tags
- Built a basic Keylogger using libraries such as pywin32 and pyHook in Python
- Built a portfolio website using HMLT5 template and hosted it on GitHub Pages
- Exposure to MVC design pattern using Laravel and Django

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**