

# Matthew Tsenkov

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## EDUCATION

Eastern Michigan University - Ypsilanti, MI

**Bachelor of Science in Computer Science**, GPA: 3.67  
Minor in Communication

September 2016 - April 2020

## 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
- Exposure 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

- Received National Scholars Program (NSP) Scholarship award
- Achieved Division I NCAA "B" standard in swimming
- CSCAA Scholar All-America - Honorable Mention
- Participated in European Olympic Games in Baku, Azerbaijan
- Participated in European Youth Olympic Festival in Utrecht, Netherlands
- Multiple Bulgarian Record Holder in swimming
- Certificate for Open Water, Surf, Pool and Waterpark Lifeguard

June 2015

July 2013