

# Matthew Tsenkov

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## EDUCATION

Eastern Michigan University - Ypsilanti, MI

**Bachelor of Science in Computer Science**, GPA: 3.67/4.0

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:** 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**