

## TECHNICAL SKILLS

<b>Programming Languages:</b>	C++, C, Java, JavaScript, Python, BASH, GML
<b>Web Development:</b>	HTML, CSS, AJAX, JSON, Node.JS (Express, Handlebars), React
<b>Database Management:</b>	SQL Oracle 12c, MongoDB, PostgreSQL, FireStore
<b>Tools:</b>	VS Code, IntelliJ, IBM iSeries Access, Axure, Putty, StarUML, GitBash, Docker
<b>Source Control:</b>	GitHub, Git

## EDUCATION

**Computer Programming and Analysis, Seneca College** 2019 – 2021 (April)

- Current Cumulative Program GPA 3.9 (President's List)

### Awards

Laura Flanagan Memorial Award Finalist, *Seneca College* 2020/2021

- Awarded to students with an excellent academic standing and shown leadership skills

Computer Programming and Analysis Scholarship, *Seneca College* 2019

## PROJECTS

### Unfamiliarity

#### 3D FPS Role-Playing Game

- Implemented 3D physics engine using spherical and precise collision detection and response
- Created a modular keyboard-mapping scheme
- Designed and arranged game levels
- Implemented AI framework - basic and advanced behavior
- Designed numerous player animations and implemented in-game items and database of files

### Hermit (in progress)

#### Food Delivery App

- Designed and implemented website for the Cheesecake Factory
- Designed express backend to communicate with firebase database
- Implemented front-end functionality using React framework
- Implemented various CSS theming techniques to bring website to life

### Dead Linkage

#### CLI dead-links checker

- web-crawler CLI application that checks webpages for dead Links
- Utilized Selenium framework to demonstrate an unusual approach to web-crawl
- Developed using Java and packaged using Maven

## RELATED WORK EXPERIENCE

**Developer, Kolev Engineering Inc.** 2016 - 2018

- Kept in contact with the employer to obtain more information and discuss design options
- Oversaw scheduling of project milestones and coordinated with the employer on any proposed changes or challenges to be overcome
- Updated static content of products on company website

## PLAMEN VELKOV

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### Teaching Assistant, Seneca College

2019 - 2020

- Assisted five professors in teaching and assisting students to find solutions to computer programming students in a class size of 30 plus
- Provided extended hours for students in need of extra help

### ADDITIONAL WORK EXPERIENCE

#### Area Supervisor, Complete Merchandising Solutions

2016 - 2019

- Managed teams of up to five employees in various Home Depot locations
- Provided exceptional group working/learning skills with teams at each store, preparing employees with training and knowledge about live goods and proper display of products
- Handled all team hours providing weekly schedules for employees
- Kept inventory of products and created weekly reports of sale fluctuation

### ADDITIONAL INVOLVEMENT

#### Game Design

2016 - present

- Design and program games on free time as personal passion
- Create Artificial Intelligence (AI) and effective script design for in-game players (NPCs)
- Part of Game Design club, meeting on a weekly basis to discuss ideas and engage in problem solving
- Won multiple awards in various game design competitions taking the role of AI design and implementation
- Participated in Ludum Dare 38 online game competition

#### Peer Tutor (volunteer)

2019 - present

- Helped first-year students understand challenging concepts in first year computer science courses
- Met weekly to discuss ideas and engage in problem solving algorithms and other related coding issues

#### Wrestling Assistant Coach, William Lyon Mackenzie C.I.

2017 - present

- Mentor high school students about affective wrestling techniques in order to effectively practice proper form of various moves

### LANGUAGES AND PERSONAL INTERESTS

#### Bilingual

*Languages:* Fluent in oral and written Bulgarian

#### Wrestling

2008 – present

*Teams:* Team Impact, William Lyon Mackenzie C.I. team

#### Soccer:

Men's League

#### Pizza

I enjoy taste testing different kinds of pizza whenever I visit a new city or country, but my favourite will always be a Hawaiian pizza even though pineapples on pizza are a controversial topic