

# Arda Turkvan

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## Skills and Strengths

- Coding fluency in *Python, C, C++, C#, Java, JavaScript, HTML, CSS* and *Haskell*
- Substantial experience with *Unreal Engine 5* and *Unity*
- Pushed real contributions to the machine learning open-source library *scikit-learn*
- Extensive experience with version control software *GitHub*, including managing branches and solving merge conflicts
- Developed very own full-stack web application using *React, MongoDB* and various *Node.js* packages
- Created Path Tracing renderer from scratch in C, comfortable with CGI processes
- Extensive experience with Adobe editing software such as *Photoshop, Animate* and *Fireworks*
- Effective communication and interpersonal skills
- Skilled at math, quick thinking and self-driven problem solving
- Always keen to learn and experiment
- Achieved a 4.0 grade point average in the Software Engineering course at University of Toronto Scarborough
- Skilled digital artist with a passion for character design, game design and storytelling

## Work Experience

### **2022: Senior Internet Communications Officer at the Ontario Government, Ministry of Education**

- Worked as a fixed-term, full-time senior employee for 5 months
- Helped develop and ship new web functionality for the Ministry of Education using JavaScript
- Constantly thinking quick and pushing out fast web updates for clients on a routine basis

### **2021: Web Development Assistant at the Ontario Government, Ministry of Education**

- Worked full time for 4 more months in a new ministry
- Helped in porting a vast amount of inaccessible content to Ontario's new web system through the Contrib framework
- Learned to work with web management systems such as *Drupal 7* and *Drupal 8*, as well as *WordPress*
- Worked with the team to spearhead a new digital sector project in multiple brainstorm meetings using software like *Mural*

## **2019: Web Development Assistant at the Ontario Government, Training, Colleges and Universities—Deputy Minister's Office**

- Worked full time for 4 months in a real world environment
- Converted PDF documents into accessible webpages by coding in HTML
- Became very familiar with Ontario Government development workflow, including use of Microsoft Office programs such Outlook and SharePoint, as well as code editing software used in the office such as Sublime.
- Wrote Sublime scripts to make turning PDF documents into webpages easier and more efficient
- Worked closely with project coordinator to deliver exactly what they requested
- Took part in meetings and participated in office-wide events, including a yearly Ministry self-assessment seminar

### **Education**

**Postgraduate Certificate in Game Design**, George Brown College (2022—ongoing)

**Bachelor of Science in Computer Science—Software Engineering** (2016 to 2022)  
Specialist Program, University of Toronto Scarborough, Toronto, Ontario

**Ontario Secondary School Diploma** (2012 to 2016)  
Northern Secondary School, Toronto, Ontario

### **Awards**

- **2022:** Dean's List at George Brown College for the Postgraduate Game Design program
- **2021:** \$300 Prize in Discord-sponsored video game idea pitching event on Twitch
- **2021:** Best Computer Graphics render in University of Toronto Scarborough's Computer Graphics course, Fall 2021
- **2017:** Dean's List Certificate, University of Toronto Scarborough, Toronto, ON
- **2016:** \$1000 Entrance Scholarship, University of Toronto Scarborough, Toronto, ON
- **2016:** Gifted Certificate, Northern Secondary School, Toronto, ON
- **2016:** Award for Achievement in Computer Science, Northern Secondary School, Toronto, ON
- **2012-2016:** Honor Roll Student, Northern Secondary School, Toronto, ON