Duncan Bruens-Home

https://www.linkedin.com/in/duncanbh

An adaptable and open-minded developer with a passion for learning and creating. Driven towards innovative and efficient solutions. Always striving to discover more and to deliver the highest quality possible.
A team player, ready to ask for help and give back in turn.

Interested in many different fields related to computer science and always ready to learn about new technologies and techniques, especially game design and creation.

Education

D.E.C.: Computer Science and Technology   2020-Present
Champlain College, Saint-Lambert, QC

D.E.S.   2015-2020
Centennial Regional High-School, Greenfield Park, QC
- Graduated from TaG (Advanced Math & Science) program

Relevant Experience

Champlain "Pet Clinic" Project   2022
Maintaining and upgrading a microservice application using agile methodologies for a veterinary clinic, facilitating many processes involved in the clinic's operation.
- Work in a team of 4, coordinating with 3 other teams
- Employ SCRUM techniques to direct development
- Refined existing Spring Boot (Java) backend
- Extended existing AngularJS frontend

Entry into GMTK Game Jam 2022 Competition - "Ruins of Dice"   2022
Created and shipped a game made in Unity in under 48 hours.
- Scored in the top 35% of over 6000 entrants
- Designed and implemented a full game under a tight deadline
- Created marketing materials (banners, icons, etc.)
- Cooperated closely with an animator

Unity "The Second Unnamed Samurai" Game   2022
Created and shipped a fully functional demo for a 2D-platformer in Unity
- Designed original characters, story, setting and gameplay
- Directed a team of artists, musicians, video editors and programmers
- Implemented the core gameplay mechanics in Unity
- Integrated various types of custom assets

Discord Bot in Node.JS using Discord.JS library and MongoDB   2020-Present
Design, implementation and long-term support of a dockerized Node.JS application with Typescript.
- Maintaining a chat-based application used by hundreds across 12+ communities
- Keeping application up to date in a rapidly changing ecosystem

Work Experience

Data Collection and Entry Clerk   2021
VISTOO Real Estate
- Collected and sorted information about products and projects

- Precisely entered information into database following strict requirements
- Coordinated and collaborated with other staff and teammates
- Communicated ideas and information efficiently

Paid Office Workspace Establishment Intern   **2018**

King's Transfer Van Lines

- Prepared Windows 10 workstations with various software (including Microsoft Office).
- Installed physical network connections for computers throughout office.

Extra-Curricular Activities

Champlain Gaming Club   **2020-Present**

- Activities Coordinator, Treasurer, President
  - Oversee all club activities
  - Lead a team of 4 in maintaining all club affairs including public club space
  - Maintain a budget and administer financial activities
  - Organize and conduct club-themed activities open to the student body

Annual CRC Robotics Tournament   **2017-2020**

- Lead Designer
  - Won Award for Construction
- Lead Programmer

Skills

Communication and etc.

- English (Fluent)
- French (Fluent)
- SCRUM
- SOLID principles
- Object-Oriented Programming

Programming Languages

- Java
- C# and .NET
- JavaScript + Typescript
- Swift (familiar)
- Python (familiar)
- SQL
- HTML + CSS
- PHP
- C++ (familiar)

Tools, Technologies and Frameworks

- Unity
- Linux-based operating systems
- IntelliJ
- PyCharm
- JetBrains WebStorm
- JetBrains Rider
- Visual Studio
- Visual Studio Code
- MySQL, Microsoft SQL Server
- MongoDB
- Node.js
- React (familiar)
- AngularJS (familiar)
- Jira
- GitHub
- Microsoft Azure (familiar)
- Firebase (familiar)