

Joshua Cantie

jcantie@nd.edu | (248) 924-5009 | joshcantie.com
18026 Stonebrook Drive – Northville, MI 48168

EDUCATION

University of Notre Dame

Bachelor of Arts | Major: Economics | Minor: Computing & Digital Technologies

Honors: Dean's List 2016-2020 | GPA: 3.91

Additional Coursework: Fundamentals of Computing, Discrete Mathematics, Animation, 3D Digital Production

Notre Dame, IN

May 2020

EXPERIENCE

KPMG

Cyber Response Intern

Chicago, IL

June-August 2019

- Supported incident response team on various investigations of malware, ransomware, and phishing attacks
- Programmed a web application for configuration files using JavaScript, HTML, CSS, Bootstrap, and Python
- Performed digital forensics by examining inboxes, SQL databases, and hard-drives for malicious activity

ZF Friedrichshafen AG (ZF)

Software Intern

Farmington Hills, MI

May-August 2018

- Supported core team in software focused on autonomous technologies for ZF, a \$41 billion safety systems automotive supplier
- Developed a generation tool in Python to organize large amounts of data and automate the creation of XML files
- Formatted Excel spreadsheets to handle information, utilizing Visual Basic language, formulas, macros, and filters

PROJECTS

2D Video Game

March 2018 – September 2020

- Designed 2D adventure game using Unity Game Engine and C# for scripting language
- Implemented user input, AI interaction, animation, level design, and use of sprites

Animation Project

October – December 2019

- Created a 3D animation of dancing microphone using Autodesk Maya
- Modelled, textured, rigged, and animated a clip and designed set, cameras, and lighting

Animatic Project

November – December 2019

- Developed a 2D animatic of a fisherman with Adobe Photoshop, After Effects, and Premiere Pro
- Integrated artwork, sound effects, VFX, and music into a short film

3D Video Game

March 2020 – Present

- Designed a 3D dungeon crawler game using Unity, Blender, and C#

LEADERSHIP

University of Notre Dame Math Department

Calculus I & II Teaching Assistant

Notre Dame, IN

January 2018 – May 2020

- Assist professor and guide students through weekly in-class assignments
- Lead discussions to help students comprehend core calculus concepts

Notre Dame Game Development Club

Club Officer and Ambassador, Member

Notre Dame, IN

August 2016 – May 2020

- Develop and hone skills in C# and Unity Game Engine software creating gaming design projects
- Organize community events such as tournaments and game jams

ACTIVITIES

Gaming Tournaments, Organizer 2018, 2019

Trivia Night, Organizer 2018-2020

Intramural Volleyball Team, 2016-present

Economics Club, Member 2019-2020

SKILLS

Mastery of: Python, C#, HTML, CSS, JavaScript, Bootstrap, Microsoft Excel, Microsoft Office, Autodesk Maya, Unity

Knowledgeable in: Visual Basic, MATLAB, C++, SQL, Photoshop, After Effects, Premiere Pro, Blender

Interests: Full Stack Web Development, Building Mechanical Keyboards, Game Development, Travelling, Quiz Bowl