

Dan Neag

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Education

The University of Akron, Akron, OH | 2018 – 2024
Bachelor of Science in Computer Science | 3.9 GPA

Full Sail University, Winter Park, FL | 2010 – 2012
Bachelor of Science in Game Art | 3.85 GPA

Technical Skills

Languages: C++, Python, Java, JavaScript, HTML, SQL, C#

Tools: Visual Studio, Eclipse, VS Code, Linux, Git, Accurev, Jira, Maven, JSP, Autodesk Maya, Unity

Internship

Snap-on Business Solutions, Richfield, OH | Aug 2023 – May 2024, Full-time

Software Engineer Intern

- Maintained and advanced the development of various web services, sites, and tools using a range of stack technologies including Java, JSP, and JavaScript.
- Collaborated with team members in an Agile environment utilizing Jira and the Scrum framework.
- Created a Linux Bash script to automate creation and configuration of Apache httpd and Tomcat server instances, significantly accelerating the setup process on VMs for the team.
- Refactored a web site to enhance security by externalizing inline JavaScript and event handlers, ensuring compliance with a newly required Content-Security-Policy header.

Personal and Class Projects

Tree Generation Program | [More info here](#)

- An ongoing personal project in the realm of computer graphics. The goal is to mass generate detailed trees by simulating natural growth processes.
- Currently in the form of a plugin for Autodesk Maya, making heavy use of both C++ and Python APIs for 3D model rendering and GUI creation, respectively.

DDK Review | [More info here](#)

- Video game search and review aggregator website with a novel feature of rating games' tags rather than the games themselves, projecting a more nuanced view of their quality.
- Stack tools: Vue3, Tailwind CSS, PostgreSQL, Supabase

Work Experience

Mustard Seed Market and Café, Akron, OH | 2013 – 2023

Line Cook / Grocery Clerk

- Responsible for various service station setup as well as cooking and assembling dishes.
- Receive shipments and stock and organize products on the sales floor.