

Brendan Epley

Software developer driven to create practical, useful, and maintainable applications.

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RELEVANT EXPERIENCE

Application Developer (Contract) | **ATG USA** Apr 2023 - Present

- Work alongside project managers and CAD specialists to gather requirements, design, and execute the implementation of add-ins and automation scripts for various Autodesk products
- Build Revit, AutoCAD, and Civil3d add-ins using C#, .NET (>=8.0), Windows Presentation Foundation (WPF), WiX Toolset, and the accompanying product .NET APIs
- Write scripts and automation tasks using AutoLISP to improve CAD engineer development experience and speed
- Create Python scripts for Dynamo3d nodes, as well as custom C# Zero-Touch nodes, to provide custom functionality and adhere to existing client workflows

Site Planner/Developer | **Alan Mascord Design Associates Inc.** Aug 2020 - Apr 2023

- Created residential site plan drawings using AutoCAD adhering to company standards, as well as county and state code requirements
- Read survey plat maps for property/site information, then place house plan oriented to customer or plan designer request
- Full stack development for mascord.com using Alpine.js and htmx in combination with the Python web framework Django
- Built automation creating monday.com table items from missed OnSip calls using Python and the monday.com API

Software Developer Future Design Team (Contract) | **adidas** Feb 2017 - June 2018

- Worked with designers and engineers to develop internal tooling assisting with the creating of the 3d printed Futurecraft 4D midsoles.
- Built REST APIs using Node.js and MongoDB
- Implemented prototypes using C++ geometry libraries, such as CGAL (Computational Geometry Algorithms Library), to demonstrate use of libraries to engineers
- Developed simple Protobuf definitions for passing data between internal tools

SKILLS

Languages

C#, HTML, CSS, Javascript, Python, AutoLISP

Libraries & Frameworks

.NET, Windows Presentation Foundation, htmx, Alpine.js, Django

Tools

Git, Github, WiX Toolset, AutoCAD, Revit, Dynamo

EDUCATION

University of Oregon

Bachelor of Science in Computer and Information Science

INTERESTS

Game development/design, Crocotile3d, Blender, enjoying life