Noah Burghardt

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SKILLS

Proficient: C#, Python, Git

Moderate: Java / Android, Office 365, Agile Development Process

EDUCATION

University of Alberta, Edmonton, Alberta

B.Sc in Computing Science with Specialization in Software Practice   9/2016 - 4/2021
- CMPUT 401 - Software Process and Product Management   1/2020 - 4/2020
  Primarily worked backend/devops on a team of six developing a webapp using Django/Vue.js in a Dockerized software stack.

École Secondaire Beaumont Composite High School, Beaumont, Alberta

High School Diploma, completed in French immersion   9/2013 - 6/2016

EXPERIENCE

Software Developer Intern

Civil and Environmental Engineering, University of Alberta   5/2019 - 12/2019
- Built add-ins for Autodesk Revit using Object-Oriented Programming in C#
- Increased team efficiency by initiating proper version control and issue-tracking efforts through Bitbucket and the GitFlow model.
- Improved performance and reduced lines of code by refactoring with efficient and future-proof algorithms

Research Assistant

Department of Computing Science, University of Alberta   5/2020 - 8/2020
- Built a cloud-based Building Information Modeling (BIM) system using C# in Unity
- Built a user account and data managing system with Microsoft Internet Information Services (IIS) Express and MongoDB.

PROJECTS

MDBook

MDBook is a medical logging application. MDBook was built in a team of six as a venue in which to practice Agile development methods such as user stories, sprints and unit/intent testing. Primary role was backend development. Worked on connecting the application to an Elasticsearch database.

FeelsBook

An Android app built in Java to log and review your feelings.

Licensing Server

A proof-of-concept RESTful Python server and Windows Forms client which generates and verifies cryptographically secure hardware-specific product licenses.