EDWIN SPARKS

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PROFESSIONAL PROFILE

I am a detail-oriented, organized, and meticulous employee who works quickly to meet tight deadlines—dedicated to achieving demanding development objectives according to tight schedules while producing impeccable code and development. In addition, I am a data scientist with a strong mathematics background and experience using predictive modelling, data processing, data creation, and data mining algorithms to solve challenging business and internal problems. I have plans to pursue a master's shortly.

WORK EXPERIENCE

Software Engineer (Seasonal)   H&R Block | Remote | 09/2022 - Current

Develop and maintain the H&R Block tax software. H&R Block has three versions of their tax suite, one for
Online, one for professionals in H&R Block on site locations, and one for box purchase in retails stores.
H&R Block software is coded in Omnistudio, a suite of developer tools, used for development, testing, and deployment.
- Omnistudio C# Tax requirements and constant updates according to IRS Tax code.
- Troubleshoot e-file errors and improper printing of forms.
- Document and collaborate in Azure with U.S team and India team.

Junior Developer   Versentia | Remote | 04/2022 – 09/2022

Developed and maintained asset tracking, web application, Versentia. The Versentia web application contains,
billing, asset tracking, contractor deployment, and administration functionality. The code base is developed on
.NET 2.0 and required special attention to package version. The user interface was coded in C# as well, in ExtJS.
- Develop and maintain Versentia UI and backend functionality.
- Learn ExtJS and document processes used for future developers.
- Create a test environment and git functionality to pair with Azure suite.

Data Analysis / Scribe Coordinator   Tarleton State University | Stephenville, TX | 01/2021 – 12/2022

A large portion of Universities in the United States use a degree auditing software called, DegreeWorks. Degreeworks
Was developed by Ellucian and is coded in their proprietary software called Scribe. I was the only developer at our
University for undergraduate degrees and courses.
- Update and maintain degree requirements per university administration and adhere to Texas Board of Education accredation.
- Built personal relationship with various administration figures to better assist students in understanding their degree.
- Compiled, modelled, and analysed data to support recommended changes.

EDUCATION

B.S. Mathematics and Data Science   Tarleton State University | Stephenville, TX | 2019 - 2022

SKILLS

- .NET Development
- C / C++ / C#
- SQL Integration

- R Studio
- Python
- Machine Learning

- Ellucian DegreeWorks
- Autodesk Suite
- MatLab / Mathematica