

Tanner Loepky

Software Developer

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Github: <https://github.com/TannerShmoog>

Key skills

Python, C, Lua, Java, HTML5, CSS, Javascript, ASP.NET

DBMS Modeling and Optimization (SQL, Xquery, experience dealing with very large data pools)

Quick Study – Confident in picking up new languages and skills

Assembly Level Programming and computer architecture

Basic Machine Learning

Natural Language Processing (POS tagging, search tuning, classification problems)

Basic Encryption and Security concepts

Proficient with Windows and most Microsoft software, solid experience with various Linux distributions using bash shell

Troubleshooting – both software and hardware

Basic Web Development with ASP.NET and VB using Visual Studio

Summary

Recent University of Alberta Graduate, seeking a junior position in software development. Passionate about logical problem solving and creating excellent software. This will be my first job as a Computer Scientist, and I'm excited.

Experience

2016–2018 I.T. Technician | Lacombe County Office

- Responsible for deployment, monitoring, and maintenance of various network wide server software.
- Conceptualized and developed a server hardware monitoring application to run with LTE Internet on a Raspberry Pi.
- Construction, setup, and deployment, and backup of various hardware and software to users.
- Assisted in making sure network security protocols were followed to protect against malware.
- Oversaw company wide migration to Windows 10, as well as workarounds/troubleshooting of legacy software problems caused by the update. This included some scripting with PowerShell to automate setup processes.
- Safe disposal of hardware containing sensitive company information.

2014 Sales Associate | Best Buy.

2011-2012 Student Volunteer | Families and Schools Together

Education

B.Sc. Specialization in Computing Science

Winter 2021 University of Alberta, Edmonton

Relevant coursework:

- CMPUT 301 - Full stack Android application
 - Worked in a 6 person team to create a task auctioning app.
 - Developed to client specifications, with iterative revisions.
 - Elastic Search back-end, exceeded performance requirements by implementing efficient data structures and caching.
 - GitHub project page available upon request.
- Information Retrieval, Natural Language Processing, DBMS Systems, Cryptography, Reinforcement Learning

Other

- Class 5 Graduated Driver's License; clean abstract.
- Willing to relocate and/or travel as required and on short notice.
- Extensive troubleshooting experience (software and hardware).
- Excellent communication skills – Able to explain and coordinate with end users very effectively.
- Developed Several small applications and games as a hobby, and frequently use my development skills to improve my own workflow and quality of life.
- Recent projects: self-deployable discord music bot, visually similar image matching tool, currently learning web development with Django and React