

# Rylan Schubkegel

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## EDUCATION

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**George Fox University, Newberg OR**

2022, 3.86 GPA

Bachelor of Science in Computer Science, George Fox Honors Program

*Relevant Coursework:* Senior Design, Operating Systems, Artificial Intelligence, Database Systems, Computer Architecture & Assembly Language, Data Structures, Software Engineering, Object-Oriented Analysis & Design, Analysis of Algorithms, Human-Computer Interactions, Servant Engineering, Web-Based Programming

## TECHNICAL EXPERIENCE

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**Front-End Designer & Programmer - Voluntime**

Apr 2022

- Designed and programmed user interface of 1<sup>st</sup> place winning project for 30-hour Code Jam
- Built frontend using HTML, CSS, and JavaScript with the React.js framework and Material UI library
- Collaborated with backend team to integrate with Node.js API running on Heroku with Postgres database

**Portfolio Website**

Aug 2020 - Present

- Developed portfolio website using HTML and Markdown in the Jekyll framework
- Implemented site responsivity with JavaScript and jQuery
- Styled site using CSS, SCSS, and Bootstrap framework

**Team Manager, UX Research - Daimler Truck North America**

Aug 2021 - Apr 2022

- Managed project by presenting to client, communicating with advisors, and scheduling team meetings
- Designed and built Universal Windows Platform application with C#, XAML, and WinRT APIs
- Deployed application to Hololens 2, proctored usability testing, and created insights for client

**Movie Database - Database Systems, George Fox University**

Aug 2021 - Dec 2021

- Led team by managing Git repository, scheduling weekly meetings, and consistently communicating
- Rebuilt existing database with new ER diagrams and PostgreSQL schema
- Wrote Python scripts to translate 91,000+ lines of HTML & XML into SQL insert statements

## SKILLS

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<b>Programming Languages:</b>	Python, Java, JavaScript, C#
<b>Markup, Styling, Typesetting:</b>	HTML, XML, XAML, Markdown, CSS, SCSS, LaTeX, UML
<b>Query Languages:</b>	PostgreSQL, GraphQL
<b>Development Tools:</b>	Git, Docker, Make, Anaconda
<b>Development Environments:</b>	VS Code, Visual Studio, IntelliJ, Android Studio, Eclipse
<b>Web Frameworks:</b>	Next.js, React.js, jQuery, Bootstrap, Jekyll
<b>Windows Frameworks:</b>	.NET, WSL, XNA

## HONORS AND AWARDS

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- Selected by faculty advisors as project manager for senior design team
- Nominated for membership in George Fox's industry mentorship program
- Chairperson for the George Fox computer science and information systems Student Advisory Board
- Qualified and competed at National Invitational Tournament of Champions for public speaking 3 years
- Elected as peer advisor for the George Fox Honors Program

## **VOLUNTEER WORK**

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- Designed company logo for 21<sup>st</sup> Century Townball
- Designed t-shirt for Big Lake Fire Department's 55<sup>th</sup> annual fundraising event
- Judged multiple high school speech & debate competitions
- Oversaw sound & projection systems at Trinity Lutheran Church for 5+ years