

# 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, Computer Architecture & Assembly Language, Data Structures, Software Engineering, Object-Oriented Analysis & Design, Analysis of Algorithms, Human-Computer Interactions, Servant Engineering

## TECHNICAL EXPERIENCE

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**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

**Software Engineer, Rental Management App - George Fox University**

Aug 2020 - Dec 2020

- Created requirements specification document in LaTeX for property management software
- Designed Gantt chart to schedule project milestones and weekly SCRUM stand-ups
- Crafted functional and non-functional requirements, unit tests, integration tests, and user acceptance tests

**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

## WORK EXPERIENCE

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**Instructor, Coding With Kids, Remote**

May 2021 - Aug 2021

- Taught fundamental programming concepts in C#, Java, Python, and Scratch
- Singlehandedly ran 13 online camps and 3 weekly classes to students ranging from age 6 to age 17
- Outperformed peers, earning a promotion before the end of the summer

## HONORS AND AWARDS

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- Received “Outstanding Computer Science Student” award of excellence for graduating class 2021-2022
- Served as chairperson for George Fox’s computer science Student Advisory Board
- Qualified and competed at National Invitational Tournament of Champions for public speaking 3 years
- Nominated for membership in George Fox’s industry mentorship program
- Selected by faculty advisors as project manager for senior design team

## SKILLS

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|--------------------------------------|--|
| <b>Programming Languages:</b>        | Python, Java, JavaScript, C#   |
| <b>Query Languages:</b>              | PostgreSQL, GraphQL  |
| <b>Markup, Styling, Typesetting:</b> | HTML, XML, XAML, Markdown, CSS, SCSS, LaTeX, UML                       |
| <b>Web Frameworks:</b>               | Node.js, Express, React.js, Next.js, jQuery, Bootstrap, Gatsby, Jekyll |
| <b>Windows Frameworks:</b>           | WSL, .NET, XNA   |