

Philip Wallis

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EDUCATION B.S. Computer Science, The University of Texas – Dallas, Anticipated Graduation December 2023

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|-------------------|---|---|--|
| Relative Courses: | Database Systems Automata Theory Artificial Intelligence AI | Advanced Algorithm Design & Analysis Computer Networks Machine Learning | Computer Vision Big Data Management & Analytics |
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| TECHNICAL SKILLS | Programming Languages: | C/C++/C# MIPS | Java Assembly | Python MySQL | JavaScript TypeScript |
| | Web Technologies: | HTML Tailwind CSS | CSS NextJS | React Prisma ORM | Express.JS Radix UI |
| | Operating Systems: | Next Auth Unix | Vercel OSX | Planet Scale Windows 7-11 | tRPC Ubuntu |
| | Software Applications: | MSOffice Git | Adobe Suite GitHub | Unity3D | VSCode |

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| SOFT SKILLS | - Agile team environment | - Leadership |
| | - Technical communication | - Problem solving |
| | - Time management | - Creativity and innovation |

EXPERIENCE & PROJECTS

Full Stack Developer <https://vtu.bio/> - **Link Shortener and Biography website** June 2023 – Current

- Full stack project for virtual creators that combines “bit.ly” and “linktree”
- React, NextJS, TypeScript, Vercel, NextAuth, tRPC, Prisma ORM, PlanetScale, Radix UI, Tailwind CSS

Full Stack Developer **Toyota Finance Services & UTD Design Senior Project** Jan 2023 – May 2023

- Create a prototype demo of employee rewards system as a part of the UTD Senior Design Project
- React, Express.JS, CSS and ERC20 token on Ethereum Blockchain.

Instructor **American Robotics Academy** Jul 2018 – Aug 2019

- Taught kids between ages 7-14 engineering and technical design through LEGO Technic & Mindstorms EV3

Intern **Visual Intelligence Laboratory, KAIST** Jun 2018

- Studied how to interact with SDKs and 3D Sensors via Intel RealSense.
- Real time road scanning for autonomous car development.

Captain **FRC 1477 Texas Torque** Jun 2015 – May 2019

- Media Captain, June 2017 - 2019; managed team’s Twitter, Instagram, YouTube, Website
- Collaborated with Outreach to lead a team of 25+ to earn 8 prestigious awards.
- 200+ hours of community service in North Houston, TX.

ACADEMIC PROJECTS AT THE UNIVERSITY OF TEXAS – DALLAS

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|---|--|----------|
| <i>Company Database Technologies:</i> | Created a fully functional company database prototype. MySQL | Dec 2022 |
| <i>Tic-tac-toe Technologies:</i> | Created a fully functioning Tic Tac Toe game in MIPS. | Dec 2021 |
| <i>Sorting Algorithms Technologies:</i> | Compare speed & efficiency between algorithms and scenarios. Java | Sep 2021 |

NON-ACADEMIC PROJECTS

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| <i>3D Environment Technologies:</i> | Created Virtual Reality scenes playable via online platform Unity3D, U# (C# Extension), Photoshop, Blender, Substance3D Painter | Oct 2022 – Current |
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