Nicolas Ott

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Objective Statement

To obtain a full-time internship in the field of Computer Science focusing on front-end and/or back-end development available for hire summer 2024.

Education

Youngstown State University (YSU) – Youngstown, OH
College of Science, Technology, Engineering and Mathematics (STEM) - ABET Accredited

Bachelor of Science in Applied Science   ***Expected: 12/2024***
Major: Computer Science   GPA: 3.77/4.0
Honors College Member
Honors:
- Dean's List: '21/'22, '22/'23
- President's List: '23

Significant Coursework

Fundamental Programming & Problem Solving 1&2 • Advanced OOP • Data Structures & Objects • Development of Database (SQL) • Discrete Structures • Computer Organization • Server-Side Web Development • Operating Systems • E Commerce programming

Technical Skills

Operating Systems: Windows 10/11 • Linux: Ubuntu, Debian • Mac OS • iOS • iPadOS • Android
Programming: C++ • Java • Python • JavaScript • TypeScript• Drupal • Git • Node • Nginx • Amazon Web Services (AWS) • Swift • Firebase • MySQL • Express • React.js • React Native • Next.js • Nest.js • FastAPI • PostgreSQL • Astro • Vercel • Northflank • Docker
Software: Visual Studio • Visual Studio Code • IntelliJ • Microsoft Office • Adobe • GitHub • Xcode

Work Experience

Dev Youngstown – Youngstown, OH | Remote
Software Engineer Intern   *05/2023 – Present*
- Developed a RESTful API using Fast API and PostgreSQL to compliment a React Native Expo mobile application that generates running routes for runners that I also helped develop.
- Improved route generation algorithm by more than 200% in terms of speed and accuracy.
- Developed a full-stack web application using Fast API, PostgreSQL, and Vite as an order management system, and admin dashboard for delivery orders.
- Developed a Shopify app that utilizes Shopify's Partner API to store Shopify orders in a RESTful API to be fulfilled by drivers in a mobile application.

Youngstown State University – Youngstown, OH
Student Web Developer   *12/2022 – Present*
- Responsible for addressing incoming tickets pertaining to the modification of the Youngstown State University website, utilizing the Drupal platform.
- Utilized HTML5, CSS3, and JavaScript to execute modifications to the website as per the requests received.
- Updates such as adding or updating files, hyperlinks, information, and staff lists.
- Create new web pages within the Youngstown State University website.

Geek Squad – Niles, OH
Advanced Repair Agent   *05/2022 – 12/2022*
- Provided direct assistance to clients, utilizing a range of sophisticated troubleshooting techniques such as operating system repair, virus removal, and simple registry fixes.
- Certified by Apple to diagnose and repair Apple devices such as the latest iPhones, Apple Watches, iPads, and Mac computers.
- Performed new computer setups for clients including software installation, anti-virus installation and windows/mac updates.
- Built custom pcs for clients using my hardware knowledge.

Best Buy – Niles, OH
Sales Associate   *02/2022 – 05/2022*
- Leveraged my extensive product knowledge to assist customers in making well-informed purchasing decisions.
- Consistently demonstrated my motivation to stay abreast of the latest trends and innovations in the industry, enabling me to remain a trusted and credible source of information for my clients.
- Played an instrumental role in enhancing the front-end flow of the store, ensuring that customers have a seamless and satisfying experience.

<u>Activities</u>

Hack YSU   *2023 – Present*
YSU Computer Club   *2023 – Present*