

Nicholas M. Molargik

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WORK EXPERIENCE

Sweetwater Sound

Fort Wayne, IN

Software Engineer, Mobile & Desktop Applications, 4D Projects

04/2022 - 04/2024

- Revived Sweetwater's previously dormant iOS and Android applications into the company's most successful discovery-to-sales conversion platform.
- Mentored senior employees 1-on-1 in SwiftUI and macOS application development.
- Expanded proficiencies in Swift, SwiftUI, Kotlin, Jetpack Compose, SQL, relational databases, unit testing, CICD, Kanban, and software deployment strategies, alongside exposure to many other technologies.
- Built Android development skills from the ground up, allowing me to maintain feature-parity between mobile applications of multiple platforms.
- Lead design and development of larger software projects and user-facing features; driving these from conceptualization, through team conceptualization, to delivery, and outward launch communication.
- Presented project achievements and future goals to large department groups.
- Learned an all-in-one software solution (4D, language) in a fast-paced environment; delivering value to our customers quickly.
- Gained emotional intelligence competency and communication skills while in a diverse team.

Raytheon Technologies - Intelligence & Space Division

Fort Wayne, IN

Electrical Engineer - Analog & Mixed Signals Team

06/2020 - 04/2022

- Architected software solutions in MATLAB and Python for automated hardware excitement and feedback analysis tests, hardware control automation.
- Led analysis of program CCAs, modules, and test fixtures; additional hardware experience.
- Compiled reports on design solutions, mistakes, and program progress.

NSWC Crane

Crane, IN

Electrical Engineering Intern - Radar Test & Evaluation Division

05/2019 - 08/2019

- Assisted in modernization of outdated radar systems.
- Developed automated software replacements for existing hardware processes.
- Applied MATLAB for analysis of legacy radar test signals.
- Used electronic measurement instruments for radar test console data-capture and analysis.
- Led discussion of program advancement in team meetings, maintained project roadmaps.

EDUCATION

Purdue School of Engineering and Technology, IUPUI

Indianapolis, IN

BS, Electrical Engineering, Minor in Mathematics - GPA: 3.724 / 4.0

Graduation: 05/2020

Codecademy.com

2016 - 2024

HTML, CSS, JavaScript, Java, Python, React Native, Full Stack Engineer, Swift, Kotlin, SQL

SKILLS

- Expertise – Swift, SwiftUI, Kotlin, Jetpack Compose, C#, JavaScript, MATLAB, Git, Native Mobile Application Development, User Experience
- Proficiencies – SQL, 4D (language), SQL, CICD, HTML, Interfacing With Payment Providers, Atlassian, Digital Circuit Design
- Familiarities - .NET, Kafka, CSS, C++, Python, Docker, YAML, Assembly, Discrete Logic