

David Lewis

Software Developer

Software developer with a majority of experience in mobile/web development. Skilled at quickly learning and applying new programming languages due to the various projects worked on throughout career. Looking for ways to integrate software into new industries.

Education

University of Notre Dame, Aug 2013 - May 2017

BS in Computer Science - 2017

Experience

Senior Software Engineer, Jan 2022- Present

Synchron

- Leading the effort to architect and develop the client facing product for a brain-computer interface (BCI) solution, geared towards improving the lives of paralysed individuals.

Software Engineer I → II (60 → 62), Aug 2019 - present

Microsoft

- Increased employee efficiency and overall experience when dining on campus by developing and deploying a mobile application for ordering food ahead, available currently in 26 out of 29 cafes on Microsoft's campus, and growing.
- Showcased the ability of the various IoT sensors on Microsoft's campus by building a proof of concept for real time sensor data streams to a mobile application.
- Integrated GPay and Apple Pay into a mobile application via the payment processor FreedomPay, allowing employees to have more flexibility with payment options.
- Maintained release timelines by preventing scope creep, removing developer blockers, and keeping healthy vendor relationships as the team scrum master.

Automated Tester, July 2018 - Aug 2019 (LoA)

Booz Allen Hamilton

- Cut the overall deployment process time 15% by setting up software to automate the validation process of Department of Labor (DOL) benefits.gov deployments, utilizing Behat and php.
- Improved web developers error checking process by debugging web applications during test failures, and pointing to specific locations where the code was compromised.

Cyber Investment Software Developer, Oct 2017 - June 2018

Booz Allen Hamilton

- Ensured network security by designing and developing a web, Angular 5 application in order to more efficiently monitor and quarantine network threats.
- Acquired interest of potential investors and clients at the 2018 Nvidia GTC Conference with web tool presentation.
- Improved product value by acquiring new skills in Bro and Kafka, which capture and stream network activity, to leverage in the product solution.
- Showcased machine learning solutions by researching the best GPU based front-end web visualization tools.

Personal Info

Address

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Phone

7328646816

E-mail

dlewis12@alumni.nd.edu

GitHub

<https://github.com/dlewis2017>

LinkedIn

<https://www.linkedin.com/in/dlewis12>

Website

davidlewisma.com

Skills

Front-end Development



Back-end Development



Scrum Master



Flutter

Typescript

React-Native

C# .NET Core

React.js

Azure Technologies

GitHub

Python

MySQL

Certificates

August 2017

ICAgile Professional

Proposal Full-Stack Web Developer, Apr 2018 - Apr 2018

Booz Allen Hamilton

- Rolled out a web cyber application attempting to acquire a hundred million dollar contract with an army client, by working twelve hour days and utilizing full-stack technologies.
- Transformed proposal technical requirements into a working web application.
- Navigated each team members' technical environment, including designers, devOps engineers, back-end and front-end web developers, to understand overall pipeline.
- Stayed within requirements by adjusting web application when roadblocks encountered.

Interests

Fitness and Health

Art (reading, writing, 3d, 2d, story-telling, cinematography)

Learning

Teaching