

Luke Abers

In search of new challenges and experiences

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WORK EXPERIENCE

Freelance Writer, Remote

April 2022 - PRESENT

Occasional contributing writer for Ponderly (formerly 4b.world), focused on technology and US News. In addition to this, I have written technical blog post articles for clients concerning the impact of AI, particularly on the insurance industry. I am also a hobbyist creative nonfiction writer.

Freelance Software Developer, Remote

August 2020 - PRESENT

Worked with a variety of APIs, such as MailChimp and the Google Suite (Gmail, Gdrive etc). Designed and implemented various web bots, crawlers, and spiders. Assisted in the deployment and troubleshooting of an IPAM system.

Developed multiple Android/iOS app prototypes using Flutter. Created social media-prototype with a custom Stripe payment system and Instagram integration for a small startup.

Designed, implemented, and maintained various applications for task automation and lead generation. Recently integrated ChatGPT into a MMS messaging system to analyze incoming opt-out messages to comply with FCC regulations.

IA Path — Software Developer & Technical Advisor, Remote

January 2018 - July 2020

Designed and created a piece of software called AutoForms for independent insurance adjusters which intakes and parses company PDFs, taking the relevant information to autofill and return a Word Document.

Used ClickFunnels to create various sales and email capture pages. Handled setting up ad campaigns on Google Ads. Researched and implemented state requirements for the creation of state-approved insurance adjuster curriculum. Created several prototype Android and iOS apps.

WEB DEVELOPMENT

HTML/CSS/Bootstrap

Javascript/jQuery

PHP

MySQL

Linux/Apache/Bash

REST APIs

SOFTWARE LANGUAGES

Python

Dart

Java

C/C++

HARDWARE LANGUAGES

VHDL

Verilog

System Verilog

ADDITIONAL SKILLS

Agile Methodology

Unit Testing/Test Benching

Task Automation

Data Scraping/Mining

Data Analysis/Visualization

Technical Writing

Advanced Spreadsheets (VBA, Python etc.)

Senatorial Campaign — Web Developer, Remote

June 2017 - August 2017

Worked with then Senator-hopeful for Virginia, Rikki Vaughn, as lead web developer. Created the primary campaign website, donation portal, and set up corresponding social media accounts.

NC A&T — Undergraduate Researcher, Greensboro, North Carolina

June 2016 - August 2016

Using boolean satisfiability software, ABC and RelSat, created a heuristic-driven program to seek out fault pairs in digital logic circuits.

Pacesetter Academics — Web Developer, Fayetteville, North Carolina

January 2015 - December 2017

Created a website, various automated advertisement scripts, and developed several academic writing tools.

Pacesetter Academics — General Tutor, Fayetteville, North Carolina

October 2014 - December 2015

Remote-tutored clients in various subjects ranging across mathematics, science, academic writing, and business law.

Carolina Growler — Draftsman, Star, North Carolina

July 2013 - June 2014

Responsible for managing and creating fabrication prints for the production floor. Assisted in the design of various components for prototypes. Using Solidworks, created 3D models for demonstrations and analysis. Gathered material quotes to create cost estimates as a part of the bidding process. In charge of programming and maintaining the company water jet.

Sandhills Community College — Math & Physics Tutor, Pinehurst, NC

September 2011 - May 2013

Tutored all levels of math, math-related topics, and physics. Also assisted with note-taking duties and tutoring of special needs students.

EDUCATION

Sandhills Community College, North Carolina —
Associate of Science | GPA 4.0

2010 - 2015

NC A&T, North Carolina —
Bachelor's in Computer Engineering | GPA 3.7

2018 - 2025*

*Expected graduation