

# DANIEL BUI

682-365-7412 | [dnlbui@proton.me](mailto:dnlbui@proton.me) | [github.com/dnlbui](https://github.com/dnlbui) | [Linkedin.com/in/dnlbui/](https://www.linkedin.com/in/dnlbui/)

Software engineer with a background in natural science. Diverse background with valuable interpersonal and problem-solving skills to have the confidence to face any challenges. Interests are in UI, software development, pc building, photography, and blockchain.

## EXPERIENCE

### Financial Services Associate at Fidelity

2021

- Provided first-class customer service to clients. Receiving excellent reviews highlighting my professionalism, patience, and accountability
- Managed 48+ calls per day and learned about 401k's and pensions to help serve customers promptly

### Published Research

2020-2021

- Structural Analysis of a Tungsten Based Hydrogen Storage Material, Publisher: American Chemistry Society
- Over two semesters, synthesized an unknown tungsten crystal, attended weekly meetings to communicate deadline updates and progress, gathered data by x-ray diffraction, analyzed data using OLEX2 and Mercury, and reported on findings

## PROFESSIONAL DEVELOPMENT/VOLUNTEER

### Nail Salon Service Ticket Bookkeeping & Payroll App

2023

- Technologies used MongoDB Atlas, Mongoose, Node, Express, React, Redux, RTK Query, RSuite, JWT, bcrypt, Passport, React (w/ protected routes), Bootstrap, HTML, CSS, and Stripe Invoicing API
- Created an application for a salon owner who bookkeeps by hand. The features are sign in to delete and add employees, view a service ticket list/employee list next to the related input forms, send an invoice to customers using Stripe, and calculate the payroll based on the picked weekly date range and employee.

### Volunteer at Shardeum

2023-Present

- Gain knowledge through internal GitLab, Discord, and weekly meetings with a team of blockchain development

### Dallas Developer Meetups

2022-Present

- Attending monthly meetups with local software developers to learn and network with two organizations, Dallas Software Developers and React.js Dallas
- Working on a pill reminder app using React-Native as front-end and SupaBase as backend with 3 other junior developers and a senior developer team lead. Learning to work in a team environment, best practices for Git/Github, pair programming, recently coded a form from a designed wireframe successfully, and will be presented the first week of April

### Conferences attended:

2022

- Consensus 2022, Algorand Virtual Machine Event Austin, and Reach Summit (Web3 programming conference)
- Acquired knowledge about the blockchain field while networking with professionals and gaining an industry perspective

## EDUCATION

### Parsity Full-Stack Web Development Certificate

2023

- Remotely learn full-stack programming from pre-recorded lectures
- Completed 7 projects, code reviewed by a professional software engineer and guided by an industry mentor
- Final Project: Nail Salon web application for employee service ticketing, payroll calculation, and Stripe invoicing
  - Technologies used MongoDB Atlas, Mongoose, Node, Express, React, Redux, RTK Query, RSuite, JWT, bcrypt, Passport, React (w/ protected routes), Bootstrap, HTML, CSS, Stripe Invoicing API

### Non-degree Post Baccalaureate (32 credit hours) – University of North Texas at Dallas

2018-2019

- UNT Dallas GPA: 3.8
- Coursework: Physics II; Physics II lab; Organic Chemistry II; Organic Chemistry II Lab; Biochemistry; Environmental Chemistry; Undergraduate Research; Biology I; Psychology; Sociology

### Bachelor of Science and Arts in Biology – The University of Texas at Austin

2012-2017

- **Business Foundations Certificate**: Coursework: Management, Finance, Business Law, Information Systems, and Accounting
- **Health Informatics and Health Information Technology Certificate**: Intensive 9-week program with coursework including Introduction to Health Informatics; Fundamentals of Health IT; Operational Models of Healthcare Systems; Workflow, Process Redesign, and Project Management; and Electronic Health Records and Health Information Exchange laboratory

## SKILLS

JavaScript | GitHub | Git | Node.js | React | React-Native | Redux | MongoDB | SupaBase | Authentication | CSS | HTML | Swagger | Bootstrap | Test Driven Development | Excel | Electronic Health Records | Photoshop | Lightroom | PC Building and Mining Rigs