# Elias Landsman

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## Education

**University of North Carolina at Asheville**  **Expected May 2022**
*Bachelor of Science: Major in Computer Science, Concentration in Information Systems*
Major GPA: 4.0; Cumulative GPA: 3.94

Related Coursework:  Object Oriented Programming, Data Structures & Algorithms, Data Science, Database Management Systems, Cybersecurity, Software Engineering, Advanced Web Technology

**Asheville-Buncombe Technical College**  **January 2019**
*Continued Education: Network Management, Web/Software Development*

Related Coursework:  Network & Security Foundations, PHP Programming, Linux/Unix, Routing and Switching, Databases

**Appalachian State University**  **December 2009**
*Bachelor of Arts: Major in Sociology, Minor in Psychology*

## Experience

**AlphaPoint**  **December 2021 – Present**
**Cryptocurrency Development Intern**
o  Assisted with the development of cryptocurrency and tokenized digital asset exchange engines.
o  Contributed to back-end capabilities by creating functions that interact directly with various internal and external blockchain networks such as Bitcoin, Ethereum, Tezos, and VeChain.
o  Feature contributions went into production and are currently part of a software kit used by over 7 million end users.
o  **TypeScript, Node**

**BlueNine Systems**  **May 2021 – Semtember 2021**
**Software Engineering Intern**
o  Assisted with development of software used by medical professionals to track surgical data.
o  Contributed a feature that enables doctors to receive a unique URL via SMS containing a token with a time-to-live. An ASP.NET REST API receives the token and provides a list of current cases that require a digital signature. Cases and associated data are presented via a mobile-first React front end as "cards" which can be selected/deselected and submitted for signing.
o  **React, JavaScript, C#, Microsoft SQL Server, .NET**

**National Environmental Modeling and Analysis Center (NEMAC)**  **June 2020 – Present**
**Software/Web Development Intern**
o  Maintained web presence for WNC Broadband Project, which advocates for broadband access to underserved populations.
o  Created web applications used to collect data for use in public policy advocacy, including a surveying tool for members of neighborhoods and homeowner's associations to collect data which can be used to bargain for higher quality broadband access.
o  **HTML, JavaScript, PHP, MySQL, CSS**

**Wicked Weed Brewing**  **May 2014 – August 2020**
**Head Server**
o  Demonstrated leadership as the representative of a team of ~30 employees by attending & contributing to managerial meetings, and collaborating with senior management on creative ways to increase revenue generation & growth.
o  Lauded for positive attitude under pressure, multi-tasking, punctuality & reliability, creative problem solving, and endless puns.

## Achievements, Leadership

**Association for Computing Machinery**  **2020-2021**
o  Acted as student project manager & coordinator for official university ACM chapter.

**Appalachian Trail Thru-Hike**  **2010**
o  Completed hike of entire Appalachian Trail, 2,179 miles from Maine to Georgia

## Projects

**GraffMap: Street Art Archive**  **2021-2022**
**https://GraffMap.net | https://github.com/elandsma/GraffMap**
o  Cross-platform mobile application built & deployed using **React Native**, **Supabase**, **PostgreSQL**, **Expo** and **Google Maps**.
o  Enables collection and viewing of user-added photos of street art, tagged with geolocation and timestamp. Users can view a complete history of uploaded photos for any given location, as well as the ability to search by optional attribute tags.

**This Is The Gwei: Ethereum Gas Price Utility**  **2021**
**https://github.com/elandsma/ThisIsTheGwei**
o  Utility application built upon **Node.js** that allows users to track and store Ethereum network gas prices by consuming an external API and saving data into a **Dockerized** local **MongoDB** database instance. Uses **Express.js** to expose local public endpoints via an internal **Rest API** where users can view history of gas prices, including the average price across given intervals.