DAVID L. BABSON IV

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EDUCATION

UNIVERSITY OF WISCONSIN MADISON   Aug 2021 – May 2023
GIS Development Master's Program
Advanced GIS Certificate, GIS Fundamentals Certificate
Platforms: ArcGIS, QGIS, ArcMap, GDAL, OGR, Adobe platforms
Languages: Python, R, D3, Leaflet

UNIVERSITY OF NORTH CAROLINA CHAPEL HILL   Aug 2015 - May 2019
Bachelor of Science in Computer Science
Minor in History
Cumulative GPA: 3.6
Languages: Java, JavaScript, C, C++, PHP, HTML, CSS, Swift, Objective-C
Databases: MySQL

RELEVANT EXPERIENCE

National Park Service, Page, AZ   June 2022 – Sep 2022
https://www.nps.gov/glca/index.htm
GIS Intern
- Developed trail and sign inventory data for Glenn Canyon National Recreation Area
- Collected field data using Android devices, ArcGIS Field Maps, and GNSS Receivers
- Overhauled GIS data for Utility Systems within the park

Epic Systems, Madison, WI   Aug 2019 – May 2021
www.epic.com
Mobile Software Developer
- Introduced offline workflow capabilities for Home Health nurses using iOS devices
- Overhauled mileage tracking to utilize cell data for higher GPS accuracy on Android

Zift Solutions, Cary, NC   June 2017 – Aug 2017
www.ziftsolutions.com
Software Developer Intern
- Implemented features to front end of an enterprise marketing web app using AngularJS

PROJECTS

New Mexico's National Historic Trails map:
- Utilized and polished historic geospatial data for the El Camino Real de Tierra Adentro, Santa Fe trail, and Old Spanish trail terminating at Santa Fe in 1836
- Described historical significance of Santa Fe through map elements and text

iOS Offline:
- Built sync actions to enable nurses to use hospice iOS applications without connection
- Created Swift front ends for the Patient Summary to store & sync the offline data

EXTRACURRICULAR ACTIVITIES

Visited all counties in Wisconsin: Winter 2020 – Summer 2021
Study Abroad, Denmark: Summer 2018
Member, UNC Computer Science Club**:** Fall 2015 – Spring 2019