

Noah Dagne

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noahdagne.github.io

Experiences

Booz Allen Hamilton

Software Engineer Intern

- Deployed a full stack application integrating machine learning and artificial intelligence for quantitative analysis in the Program Management Office.
- Minimized schedule and budget risks by 65+% — visualized through automated financial models.
- Developed script to generate synthetic data for training models while working in an agile development manner.
- React.js, Node.js, Python, R, Electron, AWS, Flask

House of Venus

Software & Business Developer

- HOV is an augmented reality start up where we provide service and contracts with businesses to enhance their tasks with AR.
- Created front end for web based application, integrating customized visuals based on RFID chips.
- React.js, Flask, JavaScript, MySQL

Silver Knights Enrichment

Coding/Engineering Instructor

- SKE is a leading provider for STEM programs in over 10 counties in the Washington D.C area.
- Taught multiple classes the theories and fundamentals of computer science and engineering.
- Guided students in creating games and personal projects.

Marc Elrich County Executive

Marketing Intern

- Communicated data from political campaign staff to voters in order to assist Marc Elrich win in the Democratic Primary by a mere 79 points.
- Utilized an analysis application that visualized statistical data of populations to target and send teams out to those sites.

Gandhi Brigade

Media Producer

- Created a multi-award winning documentary that exposes the issues of youth incarcerations to our nation.
- Strategized and interviewed with Attorney General Brian Frosh, Delegate Will Smith, and Delegate David Moon.
- Assembled a platform for these political figures and communities to gather and decide our approach to juvenile injustice.

Projects

Uber Eats Automation

- Deployed a bot through Selenium to automate web browser interaction through multiple Python libraries.
- With a single click, in 7 seconds, a new account with synthetic information is generated and inputted into Uber Eats providing deals for any referred accounts.

Stock Prediction 2.0

- Applied several machine learning models to unearth predictions of stock market trends.
- Forecasted an LSTM model with an RMSE of 9.82.
- Created Selenium script to automate and analyze when the most opportune moment was to trade the stock.

Publications & Honors

W-USA 9

Interviewed on Great Day Washington for creating a recognized documentary on youth incarcerations.

Bethesda Magazine

Featured on Bethesda's magazine for numerous awards on the documentary.

Scholar

Congressman Jaimie Raskin, Senator Will Smith, Delegate David Moon, Rep. Sheilla Hixson, Delegate Jheanelle Wilkins

Profile

Graduation: May 2020 GPA: 3.4
University of Maryland College Park

(B.S) Computer Science: Data Science Specialization
Minor Technology Entrepreneurship

College Park Scholar's Program:
Science and Global Change

Hinman CEO student

Skills

Python	●●●●●
JavaScript	●●●●●
Java	●●●●●
C	●●●●●
AWS & FB	●●●●●
React/Native	●●●●●
HTML5/CSS	●●●●●
Electron.js	●●●●●
Guitar, Piano, Bass, Drums, Producer	●●●●●

Organizations

- B.E.S - Black Engineers Society
- President of *W.Y.G.E.M Corp.*
- Cabinet Chair of *Ethiopian Student Association*