

NOAH DAGNE

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noahdagne.github.io

Passionate for technology and human advancement, I will strategically analyze and interpret data to make insightful decisions and develop software to make tasks efficient.

Experience & Projects

Silver Knights Enrichment Coding/Engineering Instructor

SKE is a stem program in over 10 counties in the Washington D.C area where I teach the fundamentals of computer science and engineering to the youth. I guided them in creating course and personal projects/games.

House of Venus Business and Software Developer

- HOV is an augmented reality tech company start up where we provide service to businesses for connecting physical actions to changes in a live database.
- Utilized MySQL, JavaScript, face and hand recognition

Marketing Intern - (Marc Elrich for County Executive)

I campaigned for Marc Elrich on his journey towards the County Executive position in Montgomery County. Utilized an analysis application that showed statistical data of population that would potentially be for or against him. Through my campaign work and speaking one on one to hundreds of voters, I was able to help Marc Elrich win in the Democratic Primary by 79 points.

Media Producer for Award Winning Documentary- (Gandhi Brigade)

Created a documentary featuring Attorney General Brian Frosh, Delegate Will Smith, and Delegate David Moon to expose the issues behind youth incarcerations to the nation. Afterwards, my team and I assembled a platform where we brought these political figures on a stage to hear the opinions of the Maryland community on how we should approach youth incarcerations.

Online Test Simulator

Created a design and implemented an object-oriented software system for an online grading system. Perfected and advanced knowledge of handling a system manager using TreeMaps and LinkedHashMaps to contain and generate statistics on students assignment grades.

Interest Table Analysis

Created a simulator that calculated interest rates with various factors using knowledge of Java GUI development using Model-View-Control paradigm. Mastered development via JavaFX.

PROFILE

Graduation: May 2020 GPA: 3.4

University of Maryland College Park

Major

(B.S) Computer Science: Data Science

Specialization

Minor

Technology Entrepreneurship

College Park Scholars Program:

Science and Global Change

Hinman CEO's student

SKILLS

Java:	●●●●●
Python:	●●●●●
JavaScript:	●●●●●
HTML, CSS:	●●●●●
UX/UI Design:	●●●●●

COURSES

- Programming via the Web
- Java-Object Oriented Programming I & II
- Python-Object Oriented Programming
- Discrete Structures
- User Centered Design

Organizations

- BES - Black Engineers Society
- W.E.B Du Bois National Honors Society
- President of *W.Y.G.E.M Corp.*
- Cabinet Chair-*Ethiopian Student Association*

Publications & Honor

W-USA 9

Interviewed on Great Day Washington for creating an award winning documentary on youth incarcerations

Bethesda Magazine

Featured on Bethesda's magazine for a recognized documentary that featured Maryland Attorney General, Brian Frosh and Maryland delegates.