Christopher Look

LookWChristopher@gmail.com
www.chriswlook.me
301-814-4298
14604 Bubbling Spring Road Boyds, MD
christopher-look
github.com/lookcw

Education

University of Maryland, College Park
Computer Science 2020
Bioengineering 2020
GPA: 3.91

Skills

Computer: Python, Java, Linux/Bash, Machine Learning, Tensorflow, Natural Language Processing, Shell Scripting, ASPNET, C#, Javascript, React, C, Matlab, HTML/CSS, VMD, Inventor, Arduino, Ruby, Ocaml, Rust, Phabricator/arcanist, Postgris

Activities & Projects

Synapto, LLC · Co-founder, CTO — Sept. 2016 - Present

- Co-lead a team of five developing an EEG device to use AI to diagnose Alzheimer's.
- Marketed product to raise over $25,000 in several competitions.
- Used sci-kit learn to make 85% accurate Alzheimer's vs Healthy classification.
- Featured in Forbes, Science Magazine, CBS, and more.
- Invited to speak as keynote speaker at PharmaMES conference in Berlin, all expense paid

Senvision · Co-Founder — Aug. 2016 - Jan. 2018

- Developing an application to help millennials invest using sentiment analysis.
- Trade real money with returns of 4.4% in 2 months, compared to 2.2% benchmark.
- Earned $4,000 in funding from Terp Startup, a startup accelerator.

Work Experience

Flatiron Health · Software Engineer Intern — New York, New York
June 2018 - Present

- Developing dashboard for developers to keep track of builds, tickets, and code reviews.
- Used react, .NET, and to implement several API's.
- Collaborated & communicated with developers to ensure the product would have real value.

University of Maryland, College Park · Assistant Researcher — College Park, MD
Sept. 2016 - Present

- Use Python to elucidate mechanism behind shape change in allostery.
- Analyze networks to find critical amino acids to aid in drug discovery.

NCATS/NIH (National Institutes of Health) · Intern — Rockville, MD
June 2015 - Aug. 2015, May 2016 - Aug. 2016

- Analyzed accuracies of virtual screening versus machine learning for drug discovery.
- Developed novel natural language processing method for predicting protein-protein interactions.
- Presented at annual NIH poster days.

Awards & Acommplishments

First Place, Design by Biomedical Undergraduate Teams Challenge · NIBIB/NIH — Aug. 2017

- $20,000 award in a national challenge against 41 competitors for EEG device to diagnose Alzheimer's disease.
- Presenting in Phoenix, Arizona at Biomedical Engineering Society Conference.

ISPE Facilities of the Future Speaker · International Society for Pharmaceutical Engineering — Feb. 2018

- Presented Synapto technology at a Pharmaceutical Engineering conference with over 400 attendees.

Presidential Scholarship · University of Maryland — Jan. 2016

- $32,000 Merit based scholarship to University of Maryland.

BMES Design Competition Finalists · BMES — Aug. 2017

- Awarded subsidized trip to Phoenix, Arizona at BMES conference about EEG Alzheimer's diagnosis for $4,000 prize.

Forbes Under 30 Scholar · Forbes — Sept. 2017

- Awarded an all expense paid trip to the Forbes under 30 Conference in Boston.

Maryland Summers Scholar Scholarship · University of Maryland — June 2017

- $3000 scholarship for performing cutting-edge research during the summer.