Jonah Tuckman

28 Quaker Road, Princeton, NJ 08540 | 609-731-8539 | jtuckman9@gmail.com
https://github.com/JonahTuckman | https://www.linkedin.com/in/jonah-tuckman-702a3b153/

WORK EXPERIENCE

September 2018 - Present

Research Assistant
Vassar College

- Working alongside Professor Jason Waterman creating a wearable application for iOS and Android devices.
- Built an application using Dart language alongside the Flutter package in order to manufacture cross compatible mobile application for iOS and Android.
- Built backend in Python using flask micro-framework to store user responses in database accessed by myself and Professor Waterman.

May 2018 - August 2018

Software Engineering Intern
WalkThru

- Helped engineer a SaaS platform called WalkThrus which allow businesses to create assistance tools for new users on websites and apps.
- Constructed a front end program using JavaScript for the 'pulse' tool which appeared when a user's time on a pulse step exceeded the average step time pulled from user interactions.

January 2018 - May 2018

Teachers Assistant
Vassar College

- Teachers Assistant for Computer Science II: Data Structures and Algorithms in class.
- Participated in labs and provided guidance to students on an ongoing basis.
- Held office hours to support and assist student work regarding labs and assignments.

December 2017 - January 2018

Software Engineering Intern
DCO Energy

- Built programs using Visual Basic to bypass passwords in publicly released and password protected Excel documents with information needed to develop company strategies.
- Developed a program in Visual Basic to expedite the generation of Calculation Based Customer Usage Reports in Excel based on overall consumption. A task done by hand for years, saving much time for the company.

EDUCATION

2016 - Present	**Vassar College,** Poughkeepsie NY
	Computer Science Major
	Comp. Sci. GPA *3.65 / 4.00*
	Mathematics Minor
	Mathematics GPA *3.65 / 4.00*
	Quantitative Economics Minor
	Economics GPA *3.50 / 4.00*
2007 - 2016	***Princeton Day School,*** *Princeton NJ*
	High School GPA *3.85 / 4.00*

EXTRA CURRICULAR ACTIVITIES

2016 - 2018   **VC++**
- Vassar College's Student Organization for Software and App Development

2016 - 2018   **Ignite.cs**
- Engaging with Poughkeepsie high school students and teaching computer science.

SKILLS

COMMUNICATION SKILLS

Public Speaking, Leadership, Creativity, Spanish Speaker

COMPUTER SKILLS

Intermediate Level:	Python, Java, JavaScript, LateX
Beginner Level:	C, Dart, Solidity, HTML, CSS, Swift, React.js, VBA

Projects

2019: Working alongside Fitzner Blockchain Consulting and Cryptocurrency Advisory as a free lance developer. Building projects such as web crawlers and data analyzers for certain webpages containing necessary data and information, decentralized applications, smart contracts and more.

2018 *Is Tesla A Car Company?*: Training models to predict a rise or fall in stock price based on collections of car and tech companies. Comparing these predictions to Tesla changes over this time and using accuracy found to determine the more representative portfolio for Tesla in. In my findings this is the grouping of Tech companies.

2019 *Chat Bot:* Training and manipulating Chat Bot using Machine Learning practices. Training the Bot using Cornell Movie Dialogue Corpus dataset comprising of fictional, movie script dialogue.

2018 *The Phone Game:* Consulted and assisted on the development of Swift Code and the overall creation of this mobile experiment.