

# Jack Crawford

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www.jacktcrawford.com

## Education

### Harvard University

Ongoing

Masters of Liberal Arts in Creative Writing and Literature

### Villanova University – Villanova, PA

2017-2021

Bachelor of Science in Computer Science | GPA: 3.49/4.0

Senior Project: Ipseity, prototype for real-time custom spatial audio in teleconferencing.

### Johns Hopkins University – via Coursera

Certifications in Data Science: Data Analysis, Statistical Inference, R Programming, et al.

## Technical Skills

C++, Flutter, Android Studio, Azure, AWS, LISP, Selenium, PHP, Swift, Java, Python, Wordpress, Jupyter, R, Node, SQL, Electron, Vue, jQuery, HTML/CSS, Xcode, iBeacon Protocol, Azure Flow, ASP.NET Core, C#, JS

## Professional Experience

### Product Engineer, Threshold.world

July 2020 – Present

- Product lead for b.world, a project management and storytelling tool for nonprofit and other impact oriented teams.
- Stack: Entity Framework Core 6.0, ASP.NET Core and Razor, Vue.js

### Software Development Intern, Threshold.world – Villanova, PA

September 2019 – July 2020

- Using the Azure suite to create AI driven products.

### Software Engineering Intern, Gravatate

June 2019 – August 2019

- Developed and managed new releases and updates to mobile apps on both iOS and Android.

### Developer, Tenstreet – Tulsa, OK

June 2018 – August 2018

- Developed and published 42, an iOS app for in house use, using iBeacons and internal analytics systems.

### Developer, dot!, Tangle, Gronolo, Viking – Tulsa, OK

September 2016 – June 2018

- Designed, developed, and published multiple iOS-based social networks independently.
- Created entire REST APIs, authentication systems, and user experiences from scratch.

### Junior Developer, Tenstreet – Tulsa, OK

June 2015 – August 2017

- Created tools that scraped the DOT's SAFER database, pulling fleet data for over 200,000 companies.

### Developer, Holland Hall School – Tulsa, OK

January 2016 – August 2017

- Pitched, developed, and published a platform for tracking and maintaining the school's complex schedule.

## Leadership, Service, and Activities

### Facilitator, Leadership Fourth Hour – Villanova University

August '20 – May '21

### Co-Author, *Once Again, We Need to Ask, "What Have We Learned From Hard Experience?"*

Pub. June '20

- ETHICOMP 2020 – Universidad de Rioja

### Station Manager, WXVU Radio – Villanova University

August '19 – May '21

- Developed a new podcasting facility and program.

### Co-President, Association of Computing Machinery – Villanova University

August '19 – August '20

- Coordinated meetings, workshops and hackathons.

## Other Experience and Achievements

### Host of The Come Up, WXVU – Villanova University

October '17 – May '21

### Computer Science Peer Tutor, Villanova University

September 2018 – January 2020

### Office Facilities Manager, Tenstreet – Tulsa, OK

June '19 – August '19

### Intern, 36 Degrees North – Tulsa, OK

May 2017

### National Merit Finalist

2017

### 2x Recipient, Senior Computer Science Award, Holland Hall –Tulsa, OK

May '16, May '17