

Jack Crawford

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Education

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

Developer, 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 2.0.

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 new podcasting facility and program.

Co-President, Association of Computing Machinery – Villanova University August '19 – August '20

- Coordinated meetings, workshops and hackathons.

Executive Board Member, ACM Machinery – Villanova University August '17 – May '21

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

Graphic Designer, Cascia Hall School – Tulsa, OK August 2019

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