

# Jack Crawford

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## Education

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Villanova University - Philadelphia, PA

- Expected graduation May '21
- Major: Computer Science
- GPA: 3.7/4.0
- Exec board member, Association of Computing Machinery

### *Projects and Activities*

#### ACM Hackathon

- Helped organize and run the first hackathon at Villanova
- 18 hours and three projects created

#### ACM Workshops

- Organized several technical workshops ranging from git 101 to Node game development
- Taught two on iOS development personally.

## Skills

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PHP – intermediate  
Swift – intermediate  
JavaScript – intermediate  
HTML/CSS – intermediate  
Java – intermediate  
Python - beginner

SQL – intermediate  
Node.js – beginner  
Xcode – Advanced  
Android Studio – Beginner  
Amazon Web Services – Beginner  
iBeacon protocol – intermediate

C++ – beginner  
Leadership  
Project management  
Video Production

## Work Experience

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### Junior Developer – Tenstreet – Tulsa, Oklahoma – June '15 – August '17

- Built a tool to scrape the Department of Transportation's SAFER database, pulling fleet data for more than one hundred thousand companies using a search algorithm I developed.
- Developed the foundation for their iBeacon system, both the hardware and the basic framework for their iOS and Android software.

### Creator and Developer – Holland Hall School – Tulsa, Oklahoma – January '16 – May '17

- Pitched, designed, and developed an app for my high school.
- The school has a fairly unique schedule, with a 6-day cycle and a modular class structure, which the app tracked and displayed in real time.
- Developed a web portal alongside that gave administrators a framework for updating and alter the schedule ahead.
- I was awarded the school's Senior Computer Science Department award as a junior for the project.

### Intern – 36 Degrees North – Tulsa, Oklahoma – May '17

- Facilitated tours of the facility. (It's a coworking space.)
- Organized lunches, workshops, and other events for tenants.

### Developer – Tenstreet – Tulsa, Oklahoma – June '18 – August '18

- Developed an iOS app, 42, for employee use that combined several different tools:
- Using the iBeacon platform, 42 tracks relative position in the office, displaying everyone's locations in app.
- 42 contains all of Tenstreet's in house analytics tools, on mobile for the first time, and a brand-new sales tool for finding coworkers that can fill a knowledge gap.
- Wrote a tvOS app for showing real time metrics around the office, as well as a scaled version of the 42 map.
- Developed an in-browser OKR management platform.

## Peer Tutor – Villanova University – Villanova, PA – September '18 – Present

- I currently peer tutor within the Computer Science department at Villanova, primarily in Java.

## Other Work

- I have developed and published 8 iOS apps on the Apple App Store.

## Additional Information

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- 2017 National Merit Finalist
- Recipient of two Holland Hall School Senior Departmental Awards in Computer Science (junior and senior year)
- Starting flex tank for the Villanova Overwatch team
- Member of Augustinian Values Organization, working with the elderly and infirm monks who live at Villanova.
- Host of The Come Up - WXVU 89.1 FM
- I speak elementary Italian
- Member of the Sophomore Service Learning Community, where I teach students at St. Francis De Sales ESL.