

# Jack Frysinger

LinkedIn: [linkedin.com/in/jackfrys](https://www.linkedin.com/in/jackfrys)

GitHub: [github.com/jackfrys](https://github.com/jackfrys)

## Experience

### The New York Times Co. - iOS Games

New York, NY

Technology Intern

June 2018 – August 2018

- Implemented Universal Links in Crosswords app using Swift and Objective-C
- Developed 3-D crossword prototype in JavaScript during company-wide Maker Week

### HubSpot, Inc. - Identity team

Cambridge, MA

Software Engineering Co-op

January 2018 – June 2018

- Implemented new Dropwizard API endpoints on Java backend systems to support the core entities in HubSpot software: users, roles, and marketing hubs
- Developed frontend changes for user management pages in React and Redux to support backend improvements
- Enhanced the user-invite flow via staggered changes across several microservices and codebases

### Apple, Inc. - Siri Client

Cupertino, CA

Software Engineering Co-op

January 2017 – June 2017

- Prototyped a new set of Siri capabilities using Java and TypeScript
- Implemented changes to existing Siri features to support voice-only user interactions on HomePod

### Apple, Inc. - Siri Domains

Cupertino, CA

Software Engineering Co-op

January 2016 – July 2016

- Implemented Siri features using Java to respond to natural language user input by presenting information from data sources
- Delivered a presentation to senior management to advocate for additional resources and further adoption in future releases

### Northeastern University - College of Computer and Information Science

Boston, MA

Computer Science Fellow

Fall 2016, 2017

- Led in-class segments about mindfulness, use of social media, networking, and workplace professionalism
- Conducted mock interviews and professional resume review sessions for students

### Northeastern University - College of Computer and Information Science

Boston, MA

Tutor for Fundamentals of Computer Science I

Fall 2015, 2016

- Held weekly office hours to assist students with homework completion and exam preparation
- Monitored weekly student laboratory sessions, assisted students with projects, and provided student homework feedback

## Education

### Northeastern University - College of Computer and Information Science

Boston, MA

Candidate for Bachelor of Science in Computer Science - GPA: 3.80/4.00

Expected December 2018

- **Minors:** Mathematics, Communication Studies
- **Honors:** Dean's List, University Honors Program
- **Key Courses:** Algorithms and Data, Object-Oriented Design, Software Development, Web Development, Programming Languages, Database Design, Computer Systems, Networks and Distributed Systems, Theory of Computation
- **Activities:** NUHacks, Association for Computing Machinery, CCIS Peer to Peer Mentor, Summer 2015 Dialogue of Civilizations trip to central Europe (courses: Fascist Propaganda and Human Rights, Human Rights Communication)

## Skills and Projects

**Programming Languages:** Java (6 years), Python (5 years), Swift (3 years) **Familiar** - TypeScript, JavaScript, C++

**Software:** macOS, Git/GitHub, IntelliJ IDEA, Gradle/Maven, WebStorm, Xcode, Linux, L<sup>A</sup>T<sub>E</sub>X

**VHacks:** (Rome, Italy and Vatican City) Selected to attend the first-ever hackathon at the Vatican. Worked on an international team to tackle global problems that concern the Pope: social inclusion, refugee and migrant issues, and interfaith communication.

**Hot + Cold:** iOS app to navigate user to a random destination in the area using warmer and colder directives. Initially developed February 2015 at HackBeanpot; updated November 2016.

**Apple Music XM:** iOS app to aggregate XM Radio playlists allowing the user to seamlessly listen using Apple Music. Uses HTML scraping library on Node server to gather playlists and system music API to queue and play music.

**Recipe Man:** Node, React, and Angular app to streamline the user's recipe and ingredient inventory

## Interests

Eagle Scout (September 2013), crossword puzzles, skiing, traveling, podcasts, obsessively following Boston sports teams, hopefully scuba diving again someday