

# Peter Abbondanzo

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<https://abbondanzo.com> | <https://github.com/Abbondanzo>

## EDUCATION

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- **Northeastern University** Boston, MA September 2016 – Present  
College of Computer and Information Science  
*B.S. Candidate in Computer Science | GPA: 3.5/4.0* Expected December 2020  
Related Courses Object-Oriented Design, Algorithms & Data Structures, Discrete, Calculus, Linear Algebra, Web Development, Networks & Distributed Systems, Comp. Theory, etc.  
Activities President (3 years): Northeastern Virtual Reality, Member: Northeastern Hacks

## SKILLS

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Languages JavaScript/TypeScript, Java/Kotlin, Python, HTML, CSS (Sass/SCSS & Less), PHP, Lisp, Racket, Go, C/C++, C#, GQL  
Frameworks Node (Webpack & Babel), React, React Native, Django, Flask, Vue, Angular, jQuery, Express, ThreeJS  
Design Blender, Photoshop, Illustrator, InDesign, Experience Design, Sketch, After Effects  
Other GraphQL, WordPress, PostgreSQL, MongoDB, Bootstrap, Squarespace, Android Studio, MSCP Certified, Linux (Ubuntu, Fedora), Azure, Amazon AWS/Lambda, Google Firebase, Heroku

## EXPERIENCE

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- **HubSpot, Inc.** Cambridge, MA January 2019 – Present  
*Frontend SWE Co-op & Android SWE Co-op*
  - Developed a custom multi-character tokenization solution for Android rich text editing. Included managing state and persisting changes while adhering to Android’s MVVM lifecycle.
  - Implemented unified user experience across all conversational messaging channels. Made the library extensible for teams to insert custom components without any additional configuration.
  - Built a custom virtualization React component for maintaining large messaging histories without overloading the browser’s resources.
  - Designed internal tooling for parsing libraries and applications to remove unused configuration settings (Python). Extended the parser to read from all upstream dependencies to avoid duplicate configuration.
- **Intuit, Inc.** Mountain View, CA January 2018 – June 2018  
*Android and Java Developer Co-op*
  - Built and maintained custom Android modules for processing payments with a card reader attachment.
  - Designed custom notification routing that provided deep linking into various layers of the application.
  - Worked on an AR model recognition tool that allowed new users to view tooltips about their card readers.
- **Titus Design, LLC.** Cedar Knolls, NJ August 2015 – December 2020  
*Co-Founder, Lead Developer*
  - Lead designer and developer of websites (React/Django) and WordPress plugins (PHP/HTML/Vanilla JS)

## PROJECTS

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- **Calculated.gg** Boston, MA In Progress  
*Full Stack Web Design and Development (Personal)*
  - Developing a 3D replay viewer using **ThreeJS** which shows real-time play-by-play actions of recorded Rocket League games.
- **123ConEd** Morristown, NJ August 2020  
*Online Course Management Software (Titus Design)*
  - Designed and constructed a full-stack course taking system on top of **Django**, **Celery**, and **PostgreSQL** for the backend. Uses **GraphQL** for a clean and automatically generated type system on the frontend
  - Built a frontend using **React** and **Apollo**. Designed and developed a minimal user interface for taking courses and managing payment info. Utilized GraphQL’s subscriptions to generate admin reports without refreshing.
- **Modern MyNEU** Boston, MA February 2017  
*Web Design and Development (Personal)*
  - Developed a Chrome extension as an introduction to vanilla **JavaScript** and **CSS** for Northeastern faculty and students. Completely redesigned Northeastern’s MyNEU portal for a much cleaner, modern look.

References available upon request