

**Thomas Pedbereznak**  
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Available: **January-June 2018**

## Education

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**Northeastern University**, Boston, MA Sept. 2014 - Present  
College of Computer and Information Science **GPA: 3.87/4.0**  
*Candidate for a Bachelor of Computer Science, minor in Mathematics* 2019

**N.U.in Greece Study Abroad Program**, Thessaloniki, Greece  
Anatolia College of Thessaloniki

**Related Courses:** Algorithms and Data, Computer Systems, Object-Oriented Design, Human Computer Interaction, Software Development, Database Design, Theory of Computation, Linear Algebra, Logic and Computation, and Discrete Structures

*Honors:* Dean's List

*Activities:* Ultimate Frisbee

**Branford High School**, Branford, CT Aug. 2010 - June 2014

**Related Courses:** Advanced Placement (AP) Calculus, AP Physics, Advance Game Design **GPA: 4.1/4.0**

*Honors:* High Honors, National Honors Society

*Activities:* Track and Field, Baseball, Physics Club

## Computer Knowledge

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*Languages:* Node, JavaScript, Java, HTML, SASS, Python, Lisp, Familiar with: Swift, C++

*Systems:* Amazon Web Services, Windows XP/7/8/10, Linux, Android, Mac OS, iOS, Android

*Software:* IntelliJ, Electron, Cordova, Unity 3D, Android Studio, Git, GitHub, Blender, JUnit

*Other:* Customer interviews, usability testing, built arcade machine, built multiple computers

## Related Work Experience

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**Intuit**, San Diego, CA Jan. - July 2017

*Software Developer Co-op*

- Worked on TestEasy, from usability tests to deploying on AWS, using React, Java, MySQL, and CloudFormation with 100% code coverage and UI automation tests
- Mentored next group of incoming interns rotating on to the TestEasy team
- Launched two tools, Codecov and HipTest, on AWS using docker images, RDS, and CloudFormation
- Lead for TurboPulse, third runner up project during one week hackathon across all of Intuit

**Analytical Graphics Inc**, Exton, PA

Jan. - June 2016

*Software Developer Co-op*

- Closed 34 issues for Cesium which included adding new features and improving existing code
- Utilized GitHub's API to create repository backups and let users save and share Sandcastle code samples
- Crafted code samples and blog post using the latest JavaScript frameworks to stimulate the Cesium community

## Projects

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**Viibe** - <http://viibe.fm>

In development

*Developer/Backend Designer/iOS Developer*

- Designing a commutative playlist for music using Spotify's API on native iOS and Android
- Implemented a backed in Node.js, Express, and MySQL deployed on Heroku and ClearDB
- Creating a playback algorithm to determinate what song to play next based on past music, current music, and frequency

**Miscord**

In development

*Designer/Developer*

- Strengthened Git and GitHub skills using Travis CI and Amazon Web Services
- Developed a bot for Discord using a Node.js wrapper for the Discord REST API
- Implemented design patterns including callbacks, Promises

## Interests

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Surfing, Tae Kwon Do, exercise, astronomy, hiking, neural networks, technology news, game development

*References Available Upon Request*