

Thomas Pedberezna
828 Parker St., Boston, MA 02120
(203) 915 - 9085 • tom@tompmed.com
tompmed.com
Available: **January-June 2018**

Education

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

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

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

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

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

References Available Upon Request