Thomas Pedbereznak

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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   *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
- 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
- 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