

# Thomas Pedbereznak

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[tompmed.com](http://tompmed.com)

Available: **January-June 2017**

## 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, Concentration in Cyber Operations, 2019*

**N.U.in Greece Study Abroad Program**, Thessaloniki, Greece

Anatolia College of Thessaloniki

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

*Honors:* Dean's List

*Activities:* Track and Field

**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: C++

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

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

*Other:* Built arcade machine, built multiple computers

## Related Work Experience

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**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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**KleenSlate** In development

*Developer/Designer*

- Designing layout and functionality for a to-do list
- Implementing website using HTML, CSS, PHP, jQuery, Javascript
- Learning PHP and jQuery along with database design

**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

**Music Editor** Oct. 2015 - Dec. 2015

*Programmer*

- Developed a music interpreter in Java using MIDI and Swing
- Implemented the model view controller design pattern
- Utilized mock objects in JUnit for unit testing

## Interests

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Skateboarding, exercise, astronomy, hiking, deep learning, technology news, game development

*References Available Upon Request*