

Thomas Pedberezna
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Available: **June 2019**

Education

Northeastern University, Boston, MA Sept. 2014 - Present
College of Computer and Information Science **GPA: 3.81/4.0**
Candidate for a Bachelor of Computer Science, 2019

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

Computer Knowledge

Languages: Node, Python, JavaScript, Java, HTML, SASS, Lisp, Familiar with: C++
Systems: Amazon Web Services, Windows XP/7/8/10, Linux, iOS, Mac OS, Android
Software: Git, Express, Docker, Jest, Selenium, Mocha, JUnit, Maven, IntelliJ, Electron, Cordova
Other: Customer interviews, usability testing, built arcade machine, built multiple computers

Related Work Experience

Asyncy, Amsterdam, Netherlands Jan. - July 2018

Software Developer Co-op

- Architected multiple [sample apps](#) using StoryScript to show off Asyncy's main features/benefits
- Designed a handful of [microservices](#) using Docker from Slack-Bot to Elasticsearch containers
- Developed [CLI](#) for [Microservice.Guide](#) (new standard for creating and deploying microservices)
- Aided in DSL discussions for creation of StoryScript (language for choreographing microservices)

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 In development

Co-founder/Backend Development

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

Miscord Jan. - June 2016

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

Music making, Surfing, Tae Kwon Do, exercise, astronomy, hiking, neural networks, skating, game development

References Available Upon Request