

# Tom Savlidis

Malden, MA - Email me on Indeed: [indeed.com/r/Tom-Savlidis/5354a4ee3b358b66](https://www.indeed.com/r/Tom-Savlidis/5354a4ee3b358b66)

Authorized to work in the US for any employer

## WORK EXPERIENCE

### Database/Web Developer

National Institute of Health (NRMN) - September 2015 to March 2017

Build and maintain the database for an NIH Grant (National Research Mentoring Network), using PL/SQL

- Created a Web Application, which accesses the database using Oracle APEX
- Used HTML/CSS to create and style web pages
- Create queries/reports for legacy databases, stored via Microsoft Access
- Produce charts and graphs from database reports, using Excel
- Organize and relay information from Google Drive, using the Google Drive API

### Web Developer

City of Malden - June 2013 to August 2013

Helped create the City of Malden website, primarily as a Front-End Web Developer

- Transferred data between old and new websites
- Relayed information to the public concerning website development, using Hootsuite

### Projects (Independent)

VotePlex

- Created a voting application, which allows a user to create polls and share them with others for voting.
- Developed via the MEAN Stack (Mongoose, Express.js, Angular 1.x, Node.js)

Turing Machine GUI

- Created a Turing Machine in Python
- Created a GUI which displays the Turing Machine in real-time, using an event queue

Nightlife Coordination App

- Created an app, which allows people to track popular restaurants nearby, via the Yelp API
- Developed via the MEAN Stack (Mongoose, Express.js, Angular 2.x, Node.js)

### Projects (Course-Related)

Digit Classifier

- Created an algorithm which classifies hand-drawn numbers, ranging from 0-9
- Implemented a rotation algorithm, which normalizes the size and the orientation of our file
- Use k-means clustering to classify a database of MNIST files and find most similar digits to our query file

Distributed System Network

- Implemented a Distributed System Network, which uses TCP and UDP to transfer files between clients
- Used Server Farms to store relevant files, and communicate with clients to upload/download files
- Implemented a fault-tolerant server network, with the ability to deal with server recovery

## EDUCATION

### Bachelor of Science in Computer Science

Boston College

May 2017

## SKILLS

APEX (3 years), CSS (1 year), DATABASES (1 year), ORACLE (1 year), PL/SQL (1 year), Java (4 years), Javascript (2 years), Assembly (1 year), Python (3 years), Mathematics (3 years), SQL (3 years)

## ADDITIONAL INFORMATION

### Technical Skills

Computer Languages: Java, JavaScript, PL/SQL, Python, C, Assembly Language (ARM)

Operating Systems: Mac OSX, Windows, Linux (Ubuntu)

Frameworks: Angular.js (1.x & 2.x), jQuery, Express/Node.js, Oracle APEX, Bootstrap CSS

Tools: Eclipse, Git, Xcode, Heroku, Yeoman, Grunt, NPM, Bower

Relevant Coursework: Object-Oriented Programming, databases, operating systems, distributed systems, computer

networking, data structures and algorithms, automata theory & formal languages, computer organization and architecture,

computer systems, linear algebra, Calculus I/II/III, discrete mathematics, probability