

# THOMAS JUN OPOLSKI

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## EDUCATION

### Bachelor of Computer Science

#### University of Michigan, Dearborn

09/2015 - 12/2019 Dearborn, MI

- Created a large foundational knowledge base in fundamental concepts of software development with classes such as Operating Systems, Discrete Structures, Algorithm Analysis, Database Management Systems, Computer Networking, and many other core computer science and math classes.
- Member of the National Society of Leadership and Success.

### Japanese Intensive Study

#### Japan Center for Michigan Universities

06/2018 - 08/2018 Hikone, Japan

- Earned 10 credits in Japanese language skills over a single summer while also gaining fluency through cross-cultural communication.
- Demonstrated risk-taking through traveling independently across the world for three months.

## PROJECTS

### Senior Capstone (Java, Android)

Client-based Android application which targets sales managers to allow them to track their agent's transactions and monitor the flow of expenses.

- Implemented dozens of wire-frame UI pages, graphed transaction data using MPAndroidChart, and implemented PayPal's Android SDK.
- Took responsibility to assign group tasks and deadlines as the team lead in an agile environment.

### YouTube QR Scraper (Python)

<https://github.com/opolskitom/YouTube-QR-Scraper>

Simple Python GUI application that takes in a YouTube video link or search link, parses it, and gets all QR data from the video(s) using PyQt5 and OpenCV.

### Sudoku Solver (JavaScript)

<https://opolskitom.github.io/Sudoku-Solver/>

Playable Sudoku solver website made with JavaScript, HTML, and CSS which uses backtracking to solve and display completed Sudoku puzzles.

### Personal Site (HTML, CSS, JavaScript)

<https://opolskitom.github.io/Tomos-Home/>

My personal website created from scratch showcasing these projects and more about who I am, along with other projects using frameworks such as Node.js, Express.js, npm, and Bootstrap.

## SKILLS

### Coding Languages

C++ Python HTML5/CSS3

JavaScript Java SQL

### Frameworks and Runtime Platforms

jQuery Bootstrap4 Express.js

Node.js npm PyQt5

### Project Management and More

Android Studio PostgreSQL Agile

Unity Git Visual Studio

## LANGUAGES

English Native

Japanese Intermediate

## FIND ME ONLINE

 **LinkedIn**  
[www.linkedin.com/in/thomas-opolski](https://www.linkedin.com/in/thomas-opolski)

 **GitHub**  
<https://github.com/opolskitom>