

Jim Raulynaitis

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Summary

As a motivated and hardworking computer science graduate, I hope to one day bring my skills and passion for software development to a company that will help move the world forward.

University of Illinois at Chicago (UIC)

Graduated May 2021

Bachelor of Science in Computer Science, Cum Laude:

- GPA: 3.57/4.00
- Member of ACM Chapter @ UIC

October 2018 - May 2021

Relevant Coursework

- Software Engineering I (Java), Computer Algorithms I, Data Structures (C++)
- Obj-Oriented Langs & Envs (Ruby, C++), UI Design (JavaScript, jQuery),
- Mobile App Development (Java, Android), Database Systems (SQL, JDBC)
- Programming Concepts (C++, F#, SQL, ASP.NET), Programming Practicum (C/C++)

Technical Skills

- Proficient in Java, C++, C, Python, JavaScript
- Project experience with Ruby, Android, JavaScript, jQuery, Django, AngularJS, Spring Boot, SQL, JDBC, C#, JavaFX, libGDX, F#, SQL, ASP.NET, Lua, HTML, CSS, Git
- Developed secure Android applications with Java using multithreading and broadcasting
- Produced secure web applications with Django web framework using Python and JavaScript
- Developed software with Java and JavaFX, with Maven & JUnit 5 unit testing
- Experience with project management & documentation with agile methodologies (Scrum)

Project Experience

eivydas.com: *Personal project: Portfolio, May 25 2020*

- An interactive online portfolio fullstack web application
- Created with Django and Python for backend and HTML and CSS for frontend
- Integrated with SQLite for project database information w/ project page generation

SQL Database Transactions: *Class project: Database Systems, March. 13 2021*

- Implemented application with Java, SQL, and JDBC for the creation of a database transactions
- Transaction operations created using parsed file data, removing/avoiding any redundancies

Python HTTP/1.1 Web Client: *Class project, Networking, February 1 2021*

- A web client that processes GET requests to URLs and retrieves website data
- Processes multiple network packets and supports chunked transfer encodings
- Parses returned data at specified website hosts, paths, and ports

Android multi-app communication: *Class project: Mobile App Development, October 29, 2020*

- Implemented 3 Android applications that send data through OS with broadcast intents
- Use of fragment layouts to make efficient use of UI elements in landscape/portrait modes

Breathing Exercise Guide: *Personal project, June 22 2020*

- A breathing guide web app for the purpose of destressing and mindfulness
- Created with JavaScript and jQuery, w/ randomized inspirational quote database

Baccarat Game: *Class project: Software Design, Nov. 21 2019*

- A game that mirrors the classic Baccarat casino game w/ animations and transitions
- Created with Java and JavaFX and unit tested w/ JUnit 5

Other information: US Citizen, proficient in Lithuanian, certified biliteracy in Spanish