Seokju (Daniel) Yun

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EDUCATION

Northeastern University, Boston, MA   September 2016 – Present
Khoury College of Computer Sciences   GPA: 3.4/4.0
Candidate for a Bachelor of Science in Computer Science, Mathematics Minor   Expected 2021

Relevant Courses: Software Development, Networks and Distributed Systems, Artificial Intelligence, Algorithms and Data Structures, Computer Systems, Database Design, Object-Oriented Design
Activities: NU ACM, Husky Competitive Programming Club, KSEA (executive board), Film Enthusiasts' Club

COMPUTER KNOWLEDGE

Languages:	Python, C#, JavaScript, Java, C++	**Databases:**	MySQL, T-SQL, PostgreSQL, Azure
Frameworks:	Django, .NET, ReactJS, AngularJS, jQuery, Spring	**Tools:**	Git, Heroku, Bash, Postman

WORK EXPERIENCE

Cambridge Innovation Institute, Needham, MA   July – Present
Software Engineer
- Designed and implemented full stack user management admin panel for handling user permission details.
- Designed and implemented conference management panel for users to create, edit, assign users and program events.
- Developed features across the REST API, admin site, client site in C#, ASP.NET, T-SQL, Angular.
- Designed and implemented an asynchronous testing framework to automate UI testing.
- Created a JS script for generating dynamic vote page featuring logic-based page skips.

Cantella & Co., Inc., Boston, MA   July – December 2018
Internal Full-Stack Developer
- Designed and implemented secure timed file share feature for sensitive documents from scratch – used in production.
- Maintained and developed Tabula – company's main tool web app for document share/sign/edit with clients.
- Proposed and implemented structural changes – including workflow, relational database structure, and optimization.
- Developed with Python/Flask/MySQL/JavaScript/HTML/CSS on Linux.

College of Engineering Connections Computer Lab, Boston, MA   January – June 2018
Computer Lab Assistant
- Troubleshoot computer problems, assist students with computer applications, and monitor lab and equipment usage.
- Assist in completing special projects with the Connections Program as assigned.

PROJECTS

Alift   September – Present
- Designed bodybuilding REST API, for practical recording of daily workouts and program creations.
- Provides easy access to catalog of exercises for desired muscle group and its proper execution.
- Features progress visualization, reward/penalty tracking, smart schedule program reminder.
- Implemented in React/Django.

cook_me   October – December 2017
- Designed to reduce food waste by allowing users to input available ingredients to view possible recipes.
- Sort by categories: cost, active cook time, or by chosen nutritional category. Or search by recipe name.
- Developed as Java application using JDBC and MySQL.

N Puzzle Solver   April – May 2018
- Implemented an A* algorithm with PriorityQueue using number of tiles displaced as a heuristic.
- The application solves slider N puzzle in $O(b^d)$ time complexity. Implemented in Java.