

Joseph W. Skimmons

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EDUCATION

Columbia University, Fu Foundation School of Engineering and Applied Sciences

New York, NY

Bachelor of Science in Computer Science, GPA 3.5

Expected May 2020

Relevant Coursework: Honors Intro to Computer Science, Honors Data Structures and Algorithms, Introduction to Computing for Engineers and Applied Scientists in Python

Point Pleasant Borough High School

Valedictorian, Class of 2016

GPA 4.3

Relevant Coursework: AP Computer Science, Advanced Web Design

HONORS

National AP Scholar with Distinction

USA Swimming Scholastic All-American

Ocean County Mayor's Association Academic Award Recipient, 2015 - 2016

NJSIAA Scholar Athlete 2016

MVP of High School Swim Team (Three years)

Team Captain of High School Swim Team (Two years)

PROFESSIONAL EXPERIENCE

Beach Patrol for Sea Girt, NJ

Sea Girt, NJ

June 2014 – September 2016

- Worked for 40+ hours a week patrolling the beach and guarding the lives of the patrons
- Was a member of the SCUBA search and rescue team for Sea Girt Beach Patrol
- Managed the patrons during days with rough and dangerous conditions

SCUBA Tank Technician

Avon, NJ

June 2014 - September 2016

- Responsible for blending breathable gases for SCUBA divers
- Calculated the correct ratios for each customer's SCUBA tank

LEADERSHIP EXPERIENCE

Columbia University, NCAA Division I Varsity Swimming and Diving Team

New York, NY

Individual Medley, Breaststroke

September 2016– Present

- Dedicated 20 hours per week to practice, conditioning, competition, and team meetings while balancing a full academic course load
- Volunteered my time to teach swim lessons for young children to help them develop water safety skills and knowledge

INDEPENDANT PROJECTS

Lead Software Engineer of 'PPBHS' App

Point Pleasant, NJ September 2015 - June 2016

- Worked with a small team to design and distribute an application to display morning announcements to the student body
- Built the application from scratch and distributed it on the iOS and Android App Store
- Used Java, Swift, HTML, CSS

Lead Software Engineer of 'Collect Software'

Point Pleasant, NJ September 2015 - Present

- Current Project involves designing and implementing a platform of games intended for the education of special needs students
- Early stage progress is hosted on our website at <http://collectsoftware.org/PALS/games.php>
- Used PHP, SQL, JavaScript, Git

SKILLS AND PROFICIENCIES

- Languages: Java, JavaScript, Python, PHP, SQL, C, C++, Scala, Git, Data Structures
- Systems: Mac, Windows, Linux, Android, iOS