

Arun George

[linkedin.com/in/arunbosegeorge](https://www.linkedin.com/in/arunbosegeorge)

github.com/aruniverse

arun@uconn.edu

(203)-300-4667
Danbury, CT, 06811

Education

University of Connecticut, School of Engineering, Storrs, CT

Bachelor of Science in Engineering

Major: Computer Science and Engineering

Minor: Mathematics

GPA: 3.533/4.0
May 2018

Awards and Honors

Dean's List, School of Engineering (Spring 2015, Spring 2017, Fall 2017)

New England Scholar (2017)

Mirksy Scholarship (Fall 2017)

Skills

Languages/Technologies: Java, C#, C, C++, Python, SQL, JavaScript, Typescript, XML, HTML, CSS

Operating Systems: Windows, Ubuntu, RedHat, Mint, Mac OS, Chrome OS

Software: Visual Studio, Eclipse, Emacs, Git, Perforce, Mercurial, NUnit, JUnit, TFS, LaTeX

Other: Time Management, Leadership, Teamwork, Customer Service, Public Speaking

Work Experience

Undergraduate Teaching Assistant, UConn School of Engineering – Storrs, CT 08/2017 - Present

- Assisted in CSE 3100 – Systems Programming for Dr. Laurent Michel and Dr. Mohammad Khan
- Taught a weekly lab section of 24 students.
- Wrote homework and lab exercise solutions, along with scripts to automate grading.
- Held weekly office hours to clarify any questions students had regarding assignments, source control, and Linux.

Software Engineering Intern, Bentley Systems - Watertown, CT 05/2017 – 01/2018

- Worked with developers from the Civil/Navigator product team to develop a Cross Platform (iOS, Android, Windows) mobile application which consisted of a C++ backend, Typescript frontend.
- Assisted in porting over code from old codebase to new cloud based BIM code stream.
- Used in-house build system to create Windows application and wrote unit test modules using GTest and Jasmine.
- Collaborated with project managers and other team developers to maintain project schedules and tasks.

Software Engineering Intern, Bentley Systems - Watertown, CT 05/2016 – 08/2016

- Worked with a team of developers to research, design and implement a new engineering validation method that will be featured in Bentley's Hydraulics and Hydrology productline.
- Used an agile software development and a test-driven development approach to design aforementioned method.
- Wrote unit and regression test modules to verify the validation feature worked as expected and to find defects.

Advanced Support Specialist, UITS HuskyTech - University of Connecticut, Storrs CT 08/2015 - Present

- Helped provide advanced troubleshooting support over the phone and in person to address the hardware and software needs of all student, faculty, and staff at UConn.
- Responsibilities include installing university supported programs as well as diagnosing client computers.

Student Developer, Connecticut Pre Engineering Program, Danbury, CT 07/2014 - 08/2015

- Designed an after school mobile app development program that was rolled out to high schools across CT.
- Collaborated with team as programmer to develop and prototype an Android app using MIT App Inventor.
- Managed a group of 12 high schoolers in producing 120 Rube Goldberg kits to be distributed to CT schools.

Engineering Experience and Other Activities

Hack UConn, Storrs, CT 03/2016

- Competed in the first ever 24-hour Hackathon at UConn focused on finding solutions for real world problems.
- Designed a medical emergency response app that won first place.

Hack4Missions, St Louis, MO 12/2015

- Participated in an 8-hour Hackathon focused on missionary work. Worked primarily on translating the Bible to languages with no dialect and designing a RPG video game to convey the experience of Syrian refugees.

Cyber Security Club, Storrs, CT 02/2015 - Current

- Learned about ethical hacking, attended discussions led by officials in the cyber security industry.

Related Coursework

- Object Oriented Design & Programming
- Data Structures and Intro to Algorithms
- Algorithms and Complexity
- Systems Programming
- Computer Networks and Data Communication
- Principles of Databases
- Bioinformatics
- C++ Essentials
- Intro to Machine Learning
- Artificial Intelligence
- Big Data Analytics
- Data and Text Mining