

EDUCATION

PRINCETON UNIVERSITY

Major in Computer Science B.S.E., Certificate in Statistics and Machine Learning

- Departmental GPA: 3.7
- Curriculum: Data Structures and Algorithms, Theory of Computation, Logic Design, Networks, Probability and Stochastics, Operating Systems, Computer Architecture.

Princeton, NJ
2014 - 2018

THOMAS JEFFERSON HS FOR SCIENCE AND TECHNOLOGY

Technical Courses: A.P. CS (Java); Artificial Intelligence 1 & 2 (Python)

Alexandria, VA
2010 - 2014

WORK EXPERIENCE

HOOKLOGIC INC.

Data Science Intern

- Initiated Hive queries on AWS clusters to analyze performance of machine learning models. Visualized results on dashboard, providing quantitative performance updates.

New York City
Summer 2016

PLACE PIXEL

Software Engineer Intern

- Implemented dynamic Javascript Google Charts dashboard to visualize backend data.
- Increased Python experience coding Beautiful Soup web crawlers, furthering knowledge of webpage DOM and SQL.

New York City
Summer 2015

TECHNICAL PROJECTS

PRINCETON INDEPENDENT WORK

- Enrolled in semester-long research seminar titled: Computer Science Tools and Techniques for Digital Humanities. Adviser: Brian Kernighan

Fall 2016

COFFEE CHAT

- Side project developed during HookLogic Internship. Designed Slack Bot that organizes free coffee meetings between colleagues, improve office cohesion.

Summer 2016

BOOK UP

- Monitors the Textbook Exchange group at Princeton and sends the student an email when a relevant book, providing faster, cheaper and easier textbook purchases.
- Continuation of Hack Princeton project. Facebook API, and AWS virtual Linux. Available to over 3,000+ undergraduates at dliu18.github.io/BookUp

Summer 2015

EXTRACURRICULARS

DAILY PRINCETONIAN NEWSPAPER

Head Sports Editor

- Manages team of staff writers to publish daily papers. Articles on everything from water polo to volleyball can be found at: <http://dailyprincetonian.com/author/dml3/>
- Received The Daily Princetonian Award for Excellence in Sports Writing 2016

Princeton, NJ
2014 – Present

PRINCETON COMPUTER SCIENCE T.A.

Undergraduate Lab TA

- Biweekly shift to assist peers on assignments for introductory computer science courses (Data Structures and Systems), reinforcing fundamental concepts.

Princeton, NJ
2015 - Present

Summary of Technical Skills: Java/Python/C/Go, Linux, Hive/SQL, Spark, Cron/Oozie, HTML/CSS/Javascript