

Lester Lee

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EDUCATION

B.A., Computer Science, Williams College, Williamstown, MA Expected June 2019

Relevant Coursework: Natural Language Processing Storage Systems
Computer Organization Machine Learning
Human-Computer Interaction Principles of Programming Languages
Distributed Programming Data Structures & Advanced Programming

GPA: 3.9 **Honors:** Dean's List (5 semesters)

PROFESSIONAL EXPERIENCE

Pucky, Inc., Full-stack Intern, *New York, NY* January 2019

- Designed architecture and developed first version of access-auditing for building entry system (Typescript, Express.js, MySQL, TypeORM, React, React Native)

VanEck, IT-Web Intern, *New York, NY* June 2018 – August 2018

- Aided website migration from Ektron to Episerver by building Episerver pages, writing CSS, and updating existing CSHTML templates to ensure user interface consistency
- Integrated content editor TinyMCE with customized settings into existing architecture
- Tested VanEck web pages during migration process and logged issues into JIRA tracking system for developers

CubeDepot USA, Front-end Developer, *New York, NY* May 2016 – August 2016

- Created advertisement banners displayed on site homepage and social media
- Designed and implemented a product selection tool that allowed for the sale of a new product type

Stuyvesant HS Alumni Association, Receptionist, *New York, NY* December 2014 – June 2015

- Managed a large-scale customer database de-duplication
- Facilitated communication between current students and alumni by matching common interests and resolving student inquiries
- Organized student and alumni events, including class reunions and general meetings

TranSmart Logistics, Inc., Receptionist, – Jamaica, NY, *Receptionist* Summer 2013

- Increased office productivity by organizing data and improving file accessibility
- Customer communication and outreach

TEACHING

Teaching Assistant, Williams College Computer Science Dept., *Williamstown, MA* January 2018 – Present

- Assisted the professor teaching CSCI 256: Algorithm Design & Analysis
- Held weekly office hours to reinforce class material and guide students through mathematical proofs
- Reviewed pseudocode and graded weekly assignments for 30 students

Williams College, Google igniteCS Student Leader, *Williamstown, MA* April 2017 – December 2017

- Collaborated with other team members in designing a Google igniteCS educational outreach program to teach computational thinking at Mount Greylock Regional HS
- Assisted in developing a curriculum to teach high school students Python and foundational programming skills
- Developed lesson plans and classroom activity blueprints to engage students in learning computer science

Williamstown Elementary School, Tutor, *Williamstown, MA* October 2015 – May 2017

- Coached underperforming students in developing their grasp of the English language
- Guided students in homework and examination skills
- Assisted teachers with classroom activities and maintaining classroom discipline

- Mentored elementary and middle school students in developing individual coding projects, which were showcased to their parents
- Adapted lesson plans to help students better meet curriculum objectives, such as an understanding of programming control structures as well as Java and Python syntax
- Maintained a friendly learning environment in classrooms of 8 students

PROJECTS

Independent Study on Information Visualization

<https://www.lester-lee.com/f2018-info-vis/>

- Independent research about theory, implementation (D3 and Tableau), and evaluation of data visualizations
- Produced a visualization with Williams College Museum of Art dataset (<https://www.lester-lee.com/wcma-viz/>)

PIN: Who Knows What Where?

<https://www.lester-lee.com/curious-places/>

- Collaborated with two students to design a mobile platform that centers around location-based information sharing and curiosity satisfaction
- Used human-centered design methods, such as conducted contextual inquiries and iterative prototypes with user testing, culminating in a PDF mid-fidelity prototype of the application

Projection, browser game using Phaser framework

<https://www.lester-lee.com/projection/>

Down to the Wire, Roguelike browser game using rot.js

<http://www.lester-lee.com/down-to-the-wire/>

Mahjong, Multiplayer web game using Socket.io, ReactJS, Express

<https://github.com/lester-lee/mahjong/>

SKILLS

<http://www.github.com/lester-lee>

Proficient: Python, Java

Familiar with: Scala, C, C++, C#

Web: HTML, CSS, JavaScript, jQuery, ReactJS, NodeJS, Express, TypeScript, Jekyll

Design: Adobe Photoshop, Balsamiq

Art: <https://www.lester-lee.com>