Alden Hallak

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RESUME PROFILE

I am a self-motivated, highly flexible, mathematically minded, Undergraduate Student at the University of Pennsylvania with a passion for all things technology related, such as systems administration, financial services, networking, computer science, information technology, troubleshooting, and internet security, as well as mechanical engineering. I have written mobile applications in Object oriented languages; Android in Java, using the Android SDK; as well as cross-platform apps for web, iOS and Android in Unity, utilizing C#; I have even written cross-platform applications for gathering ergometer data via Bluetooth through phonegap and Cordova. I run a server from my basement, running Ubuntu server edition, but I also have experience with many flavors of Linux. I have used TI-Basic to program the calculators in my high school to meet AP-Testing standards, and I also have experience with HTML5.0, with the capability of utilizing HTML, JavaScript, CSS, PHP (especially the Laravel framework), and Node.JS (and sometimes Python for the backend) to create efficient websites. I remain passionate about both building and manipulating software, and I am seeking additional experience in both areas.

EDUCATION

Graduated with Honors from Lower Merion High School Class of 2016
Current Undergraduate at the University of Pennsylvania Class of 2020 Double Majoring in Computer Science and English

EXPERIENCE

Technical Support
- Troubleshooting, maintaining, and servicing technology for the neighborhood.
- Worked side by side with teachers to troubleshoot issues with school software.

Lifeguard
- **Summer 2015, 2016:** Lifeguard for Lower Merion Township Parks and Recreation
- **Summer 2015:** Red Cross Certified Lifeguard

University of Pennsylvania
- **Fall 2016 – Fall 2017:** Worker at the Quadrangle Info Center
- **Spring 2017, Fall 2017:** Teaching Assistant for CIS 110 Introduction to Computer Programming
- **Summer 2017:** Junior Software Developer at Arteric

RELEVANT STUDIES

Math 114 (Calculus 3), CIS 120 Programming Languages and Techniques, CIS 160 Mathematical Foundations of Computer Science, CIS 121 Data Structures and Algorithms, CIS 262 Automata Computability and Complexity

HONORS, AWARDS, AND MEMBERSHIPS

- WQHS Student Radio Systems Administrator
- Technology Director for Harrison Meyer's 2017 bid for School Board
- Treasurer of Lower Merion High School Class of 2016
- Communications Committee Head of Lower Merion High School 2015-2016
- 800 score on SAT 1 Math Portion, 2210 overall
- 2 Years Head Officer of Amnesty International 2014-2016
- Captain of Lower Merion Crew 2016 - Freshman Rower for 1 year - Varsity Rower for 3 years
- Played Bassoon for 5 years, Saxophone for 7, and Piano since the age of 5

WEBSITES CONTRIBUTED TO
- Arteric.com
- WQHSRadio.org
- AldenHallak.com
- HarrisonMeyer2017.com
- seas.upenn.edu/~halal/ (the halal zone)