

Jan Lasota

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Education

THE CATHOLIC UNIVERSITY OF AMERICA

Washington, D.C.

Bachelor of Science in Computer Science

August 2014 – May 2018

- Relevant Coursework: Data Structures, Object-Oriented Programming with Java, Concepts of Programming Languages, Analysis of Algorithms, Theory of Computing, Database Management

Skills

Technical: Java, MATLAB, HTML, CSS, JavaScript, SQL, Git, jQuery

Operating Systems: Windows, Mac OS, Linux

Languages: English (fluent), Polish (advanced)

Experience

CHILDREN'S NATIONAL MEDICAL CENTER

Washington, D.C.

Systems Engineer Aid Intern

June 2015 – August 2015

- Solved software and hardware problems with echocardiographic medical devices.
- Installed and configured software packages within the Department of Cardiology.
- Responded to support tickets coming from various departments.

Projects

ETCH-A-SKETCH (JavaScript, HTML, CSS)

July 2018

- Developed the famous mechanical drawing toy in a web browser. Created buttons that clear and resize the board. Added functionality using JavaScript to erase the board by holding down left click. Designed the layout of the web page using HTML and CSS.

RESOURCE ALLOCATION IN MILLIMETER NETWORKS (MATLAB) September 2017 – May 2018

- Programmed simulations that test power allocation between a base station and a system of mobile users to determine the best way to allocate power to every mobile user in order to optimize the scheduling of data transmission. Applied various machine learning algorithms. Utilized new technologies, multiple-input multiple-output, beamforming, and millimeter-wave, to improve results.

CUBEQUEST (Java)

October 2016 – December 2016

- Built a zombie survival game as a final group project. Designed the health and stamina potion model. Implemented potion functionality in the game. Created a GUI for the health and stamina bar. Added potion and terrain collision.

Activities

ASSOCIATION FOR COMPUTING MACHINERY (ACM)

Washington, D.C.

Member

September 2016 – May 2018

- Engaged in computer science activities and projects.
- Attended biweekly meetings to review past events and plan future activities.

CATHOLIC UNIVERSITY MEN'S TENNIS TEAM

Washington, D.C.

Starter

August 2014 – May 2018

- Committed 30 hours per week to training and competing as a starting tennis player.
- Highlights: Team MVP 2016-17 & 2017-18, Team MIP 2015-16, Academic All-American 2017-18, 3x Athlete of the Week, 2x Second-Team All-Conference Singles, 1x First-Team All-Conference Singles, 1x Second-Team All-Conference Doubles