Palina Pauliuchenka

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**Education**

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| **New Jersey Institute of Technology**  *Bachelor of Science in Computer Science*   * Cumulative GPA: —/4.0 * Major GPA: —/4.0 | **Newark, NJ**  June 2024 |
| **Florida Atlantic University (FAU)**  *Bachelor of Science in Computer Science*   * Cumulative GPA: 3.62/4.0 * Major GPA: 4.0/4.0 | **Boca Raton, FL**  December 2021 |
| **Gymnasium №16**  *High School Diploma*   * Cumulative GPA: 9.21/10.0 | **Minsk, Belarus**  June 2020 |

**Skills**

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| **Technical:** HTML5, CSS3, JavaScript, C, C++, MATLAB, Python  **OS:** Windows, Linux, iOS  **Software:** WebStorm, PyCharm, VS Code, Microsoft Word, Excel, Power Point  **Languages:** Fluent English, Native Russian |

**Relevant Coursework**

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| Probability and Statistics, Introduction to Information Systems, Roadmap to Computing, Microprocessor Systems, Logic Design, Foundations of Computer Science, Introduction to Programming in C, Physics 1 & 2 w/ Labs I & II, Calculus I & II |

**Experience**

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| **FAU Student Government**  *Program Board Chair* | **Boca Raton, FL**  April 2021 – December 2021 |
| Managed event logistics on campus, to provide students with free and quality events. Organized events, prepared contracts, and space for events. | |
| **Talk English Schools**  *Ambassador* | **Fort Lauderdale, FL**  November 2019 – December 2019 |
| Worked as a school assistant, answered phone calls at the front desk, provided visitors with the most recent information. | |

**Leadership Experience**

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| **Google Developer Student Club**  *Marketing Director* | **Boca Raton, FL**  October 2021 - Present |
| Responsible for event promotion, social media, increasing student participation in different events, promotional items design. | |
| **Google Developer Student Club**  *Treasurer* | **Boca Raton, FL**  November 2020 – October 2021 |
| Managed approximately $1,500.00 in club funds. Responsible for budgeting multiple events, which provided quality service to all participants. | |

**Research - Time Series Analysis**

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| **On the L1-norm Approximation of a Matrix by Another of Lower Rank**  *Center of Connected Autonomy and Artificial Intelligence* | **Boca Raton**  December 2021 - Present |
| * Tested the algorithm to find the point where it runs out of memory and what causes the run out.   *Graduate Research Assistant:* [*George Orfanidis*](https://georgeorfanidis.github.io/) *Research Assistant:* [*Dr. George Sklivanitis*](https://www.fau.edu/engineering/directory/faculty/sklivanitis/) | |
| **DARPA Challenge**  *Center of Connected Autonomy and Artificial Intelligence* | **Boca Raton, FL**  November 2021 - December 2021 |
| Had to predict future location of buoys in open waters by received data from buoys for some period.   * Analyzed a sequence of data points collected over an interval of time from buoy in the open ocean. * Found patterns of its movement/relocation in time. * Predicted future data points without appearing on the weather conditions.   *Graduate Research Assistant:* [*George Orfanidis*](https://georgeorfanidis.github.io/) *Research Assistant:* [*Dr. George Sklivanitis*](https://www.fau.edu/engineering/directory/faculty/sklivanitis/) | |

**Awards & Projects**

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| **GDSC Event (in progress)**  *Open Weather Web App*  Presented to participants how to work with Google Firebase and OpenWeatherMap.org API, while building a simple weather web app.   * Developed a website using Vanilla JavaScript, allowing users to search for weather and if users have an account, they are able to save/remove from a dashboard. * Integrated with Firebase to store user information for account registration and saved weather locations. * Integrated with OpenWeatherMap.org – API, to grab the most recent weather data and provide it to a user in a user-friendly interface. * Integrated with Bootstrap for basic styling on the website.   *Utilized: HTML5, CSS3, JavaScript, Open Weather Map – API, Bootstrap, Google Fonts* |
| **HackGT8**  *Emerging Track - ARMS (Augmented Retail Management System)*  Worked on a frontend, made connections between user interface and API, worked with database to save/change users’ information and requests. |
| **Survival Game**  *IT Academy JavaScript Developer – Final Project*   * Developed a web application using Vanilla JavaScript, allowing users to play classic survival game and computing with other players by score comparison. * Web application is developed in a design pattern - Model View Controller (MVC) * Integrated with Firebase to store users results after each game, that are stored under a nickname that user enters by the end of the game. * Integrated with Bootstrap for basic styling in application.   *Utilized: HTML5, CSS3, JavaScript, Firebase, Bootstrap, Google Fonts*  *Source Code:* [*www.github.com/ppauliuchenka02/js-game*](http://www.github.com/ppauliuchenka02/js-game)  *Live Demo:* [*www.bit.ly/ppauliuchenka02-js-game*](http://www.bit.ly/ppauliuchenka02-js-game) |

**Volunteering & Activities**

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| **Society of Women in Engineering (SWE)**  *Member* | **Newark, NJ**  January 2022 – Present |
| **Google Developers Student Club (GDSC)** *Member* | **Newark, NJ** January 2022 - Present |
| **Women in Engineering and Computer Science**  *Member* | **Boca Raton, FL**  November 2020 – December 2021 |
| * Attended conferences with Motorola Solutions * Received a scholarship for Society of Women in Engineering (SWIE) Conference | |
| **FAU Surf Club**  *Member / Volunteer* | **Boca Raton, FL**  February 2021 – December 2021 |
| * Learned how to surf * Volunteered at the beach cleaning | |
| **Program Board Student Government**  *Volunteer* | **Boca Raton, FL**  October 2020 – April 2021 |
| * Was part of a team for on-campus events when help was needed. * Helped to give away to students – lunch boxes * Prepared locations for artists or events * Gave away free perks to students | |