

Palina Pauliuchenka

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Education

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: 3.52/4.0
- 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

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

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

FAU Student Government

Program Board Chair

Managed event logistics on campus, to provide students with free and quality events. Organized events, prepared contracts, and space for events.

Boca Raton, FL

April 2021 – December 2021

Talk English Schools

Ambassador

Worked as a school assistant, answered phone calls at the front desk, provided visitors with the most recent information.

Fort Lauderdale, FL

November 2019 – December 2019

Leadership Experience

Google Developer Student Club

Marketing Director

Responsible for event promotion, social media, increasing student participation in different events, promotional items design.

Boca Raton, FL

October 2021 - Present

Google Developer Student Club

Treasurer

Managed approximately \$1,500.00 in club funds. Responsible for budgeting multiple events, which provided quality service to all participants.

Boca Raton, FL

November 2020 – October 2021

Research - Time Series Analysis

On the L1-norm Approximation of a Matrix by Another of Lower Rank

Boca Raton

December 2021 - Present

Center of Connected Autonomy and Artificial Intelligence

- Tested the algorithm to find the point where it runs out of memory and what causes the run out.

Graduate Research Assistant: [George Orfanidis](#)

Research Assistant: [Dr. George Sklivanitis](#)

DARPA Challenge

Boca Raton, FL

Center of Connected Autonomy and Artificial Intelligence

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](#)

Research Assistant: [Dr. George Sklivanitis](#)

Awards & Projects

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

Live Demo: www.bit.ly/ppauliuchenka02-js-game

Volunteering & Activities

Society of Women in Engineering (SWE)

Newark, NJ

Member

January 2022 – Present

Google Developers Student Club (GDSC)

Newark, NJ

Member

January 2022 - Present

Women in Engineering and Computer Science

Boca Raton, FL

Member

November 2020 – December 2021

- Attended conferences with Motorola Solutions
- Received a scholarship for Society of Women in Engineering (SWIE) Conference

FAU Surf Club

Boca Raton, FL

Member / Volunteer

February 2021 – December 2021

- Learned how to surf
- Volunteered at the beach cleaning

Program Board Student Government*Volunteer*

- 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

Boca Raton, FL

October 2020 – April 2021