Dmitrii Galantsev

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EXPERIENCE

INDIANA UNIVERSITY | Intro to Computer Science Undergraduate Instructor
January 2018 - Present | Bloomington, IN

- Currently employed under Indiana University Bloomington as a C211 (Intro to Computer Science) Undergraduate Instructor.
- Teaching the lab and helping students during office hours.

UPWORK | Linux/Unix Shell Scripting Expert
July 2017 - September 2017 | Online

- I was contacted by a PhD candidate to assist with her research.
- During my employment I wrote descriptions for bash commands to train a Natural Language Processing AI.

JONATHAN BYRD'S | Catering team member
May 2017 - August 2017 | Carmel, IN

- Worked at Jonathan Byrd's as a catering professional. Job included: setting up tables, cleaning up after the events, and surving food to patrons.

FRESH THYME GROCERY STORE | Front End Assistant
July 2015 - January 2016 | Carmel, IN

- Assisted customers in finding products, and checking out.

RESEARCH

INDIANA UNIVERSITY | Independent Undergraduate Research
Jan 2014 – Present | Ithaca, NY

I'm currently doing research under Professor Yan Huang in the new and evolving field of GPU Security.
Current focus is Security of GPU Covert Channels.

EDUCATION

INDIANA UNIVERSITY | Bachelor's in Computer Science
Expected May 2021 | Bloomington, IN

PROJECTS

POPI'S PARLEY | Chat application written in C
Uses multiple TCP connections to establish a working chat application between up to 95 clients.

NADEKOBOT | One of the biggest bots for Discord Chat
Worked with a team to provide multiple utilities for servers such as:
Message filtering, Music playback, Automatic Ban, and et cetera.

GIANTBOT | A small bot written for a Gigantic Discord server
Used to access rank information on the server.

PEDDLE | Final project for Digital Electronics class an Carmel High School
Peddle is a Guitar pedal which can be modified over wifi. Different effects can be toggled using either the Wifi web interface, or physical stomp buttons on the pedal.

LANGUAGES

PROGRAMMING
Over 1000 lines:
C • Java • CSS • PHP • Assembly
Familiar:
Rust • Python • Ruby • C# • Bash • LaTeX

SPOKEN & WRITTEN
Native fluency:
English, Russian