Dmitrii Aleksandr Galantsev

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EDUCATION

- **Indiana University** — Bloomington, IN
  Bachelor of Science in Computer Science - Freshman — *August 2017 – Present*

  Majoring in Computer Science with interest in Low Level Development.

EXPERIENCE

- **Indiana University** — Bloomington, IN
  Research and Teaching Assistant — *January 2018 - Present*
  - **Research - Security**: I'm currently doing research under Professor Yan Huang in the new and evolving field of GPU Security. My main focus right now is using GPU as a covert channel for malicious data transfer.
  - **Teaching Assistant - CSCI-C 211**: Currently employed under Indiana University Bloomington as a C211 (Intro to Computer Science) Undergraduate Instructor.

- **Upwork** — Online
  Linux/Unix Shell Scripting Expert — *July 2017 - September 2017*
  - **Linux/Unix Shell Scripting Expert**: 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** — Carmel, IN
  Catering Team Member — *May 2017 - August 2017*
  - **Catering Team Member**: 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** — Carmel, IN
  Front End Assistant — *July 2015 - January 2016*
  - **Front End Assistant**: Assisted customers in finding products, and checking out.

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 Application. 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 game 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.

PROGRAMMING SKILLS

- **Languages**: While my primary language is C, I have knowledge in Java, Bash, Python, C#, and Racket (PLT Scheme).

- **Software**: Photoshop, Gimp, Vim, Linux/Unix, Windows, Git