Daniil Budanov

US Citizen
linkedin.com/in/danbudanov

dbudanov3@gatech.edu
(404) 457 2051 (cell)

Skills

- Fluent in Russian and English
- Technical leadership experience
- Technical research and presentation skills

- Experience with Python, C, Java, MATLAB, Simulink, Verilog, EagleCAD
- Utilized Intel Edison, mbed, OpenCV, Theano, GNU Radio, and Cyclone V-SoC

Employment History

Intel Corporation / Software Engineering Intern
June 2017 - August 2017, HILLSBORO, OR

Supported Intel's MRAA and UPM low-level I/O and sensor libraries. Integrated system to allow software developers to utilize hardware capabilities of the Terasic DE10-nano SoC board. Built demo to showcase hardware acceleration benefits of SoC systems in industrial settings.

Georgia Tech Research Institute / Engineering Co-op
August 2016 -December 2016, ATLANTA, GA

Worked in the **Information and Communications Laboratory;** Projects were centered around software defined radio and involved filter implementation in Verilog, automatic modulation recognition using machine learning techniques, and testbed construction for modeling radio infrastructures.

Intel Corporation / Software Intern
May 2016 - August 2016, HILLSBORO, OR

Built computer vision applications on Intel's IoT hardware for security applications in connected cities and created demo and workshop content to engage computer vision developers in IoT.

Opportunity Research Scholars / Undergraduate Researcher
January 2016 - April 2016, ATLANTA, GA

Research involved the study and modeling of contemporary embedded systems for deployment in wireless sensor networks focusing on ambient energy harvesting and ultra-low-power operation.

Education

Georgia Institute of Technology / B.Sc. in Computer Engineering
August 2015 - PRESENT, ATLANTA, GA
GPA: 3.48 / 4.0

Technical Activities

RoboJackets / Vice President
September 2015 - PRESENT, ATLANTA, GA
Georgia Tech's student-run competitive robotics organization.

Intelligent Ground Vehicle Competition / Electrical Subteam Lead
September 2015 - May 2017
In charge of team that maintains and deploys electrical and embedded systems for a 300-lb autonomous vehicle.

Electrical Training / Team Lead
September 2016 - December 2016
Led team that guided incoming members through designing, constructing, and programming an electrical system.

RoboCup / Electrical Subteam
September 2015 - Present
Member of a team that creates embedded electronics for autonomous soccer-playing robots.

Major League Hacking
September 2015 - PRESENT
Enjoys attending hackathons and constructing projects involving hardware, server-side, and computer vision components in time-constrained environments.