

Ignat Georgiev

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Github: <https://github.com/Ignat-Georgiev/>

Education

19/09/2015 – Present

Masters of Electronics and Software Engineering (currently 3rd Year)

University of Edinburgh, Edinburgh, UK

- Class representative for Electrical Engineering
- Social Secretary of Bulgarian Society

15/09/2009 - 15/05/2015

School of Mathematics and Natural Sciences “Akad. Nikola Obreshkov”, Razgrad, Bulgaria

- Intensive studies of Mathematics, Informatics and Physics
- Graduated with overall excellent grades and a diploma of 5.94 out of 6.00

Work Experience

June 2015 – September 2015

Intern

Indie Semiconductor

- Worked in multiple teams to obtain a broad view of silicon development
- Designed evaluation PCBs for multiple projects
- Made an ARM Serial Wire monitor in Verilog to be used for evaluation
- Firmware development for ARM cores

June 2015 – September 2015

Development Engineer Intern

Abrites LTD

- Automotive embedded systems and firmware development
- Design and support of embedded circuitry for internal use
- Supervision of the production of keyless-go programming unit
- Worked with Atmel and ST MCUs

Skills and achievements

- Comprehensive knowledge of various CAD software such as Altium Designer, KiCAD, Eagle and Solid Works
- Proficient programmer in Java, C, Ruby and Haskell
- Experiences with embedded development platforms like: Arduinos, ARM embed and STM32
- Extensive knowledge of operating systems, computer architectures, computer networks, algorithms and data structures
- Design and assembly of my own IoT embedded platform based on ESP-12.
- Member of the Electrical team of Edinburgh University Formula Student with which I have developed various projects like the dashboard, wheel speed sensors and ABS/traction control system
- Founded an Autonomous team within EUFS with the goal of designing the software for a completely autonomous F1-style race car.

Other Skills and Interests:

- Capable speaker of English, Bulgarian and German
- Team working and interpersonal abilities gained from EUFS, hackathons and group projects
- Problem solving as were required from my previous work experience
- Organisational and administrative skills which I have greatly developed as the Secretary of Edinburgh University Formula Student