

Andrew Mazalkov
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EDUCATION

- **University of Warwick** Coventry, UK
BEng (Hons) Engineering 2019 - 2022
 - **First Year:** 80.6% (First Class); Top 3 out of 350 in First Year
- **The Thomas Deacon Academy** Peterborough, UK
A Levels 2017 - 2019
 - **AAB(a):** Mathematics, Physics, Further Mathematics, AS Computer Science

PROJECTS

- **Sudoku Solver** github.com/mazalkov/SolveSudoku
Python
 - Implemented a Sudoku solver with a recursive approach via a backtracking algorithm
 - Experimented with different reaction times for visualisation to improve User Experience
- **Wind Turbine Simulation**
MATLAB and Simulink
 - Implemented a 1.5MW horizontal axis wind turbine in Simulink with MATLAB workspace integration
 - Designed control systems to automate pitch, yaw and tower vibration control in variable wind conditions

EXPERIENCE

- **MATLAB Student Ambassador** University of Warwick, UK
MathWorks Sep. 2020 - Current
 - Introduce MATLAB and Simulink to university peers through introductory classes and online courses
 - Plan and organise events on campus to demonstrate the state of the art with MATLAB and Simulink
 - Run a university-wide Facebook support group for students and academics with over 200 members
- **Summer Intern** Remote
CodeRobin Aug. 2019
 - Coordinated with remote colleague for Google's Widevine L1 certification process of Android tablets
 - Set own working hours, liaised with company offices and reported back to manager during daily sprints

SKILLS

Languages MATLAB, Python, C++, JavaScript, C

Technologies Simulink, Fusion 360, Microsoft Office Specialist in Excel

Fluent in English and Russian, conversational in French and Belarusian

EXTRACURRICULARS

- **Undergraduate Academic Representative** Coventry, UK
University of Warwick School of Engineering Oct. 2019 - Present
 - Elected in both years of study by peers as 1 of 3 course representatives for cohort-wide course feedback
 - Escalate feedback and ideas at Student Staff Liaison Committee (SSLC) meetings to co-create curriculum
- **Student Expert** Coventry, UK
University of Warwick Engineering Build Space Oct. 2019 - Current
 - Trusted role as first point of contact for students requiring technical help for coursework or projects

ACHIEVEMENTS

Half Marathon Set personal goal to run 13.1 miles, achieved with progress tracking of consistent training

INVOLVE Project Received Gold from Cambridge University for improvements in learning community

Industrial Cadet Award Received Silver for leadership skills and team management competency

Warwick Enterprise Fund Received £500 funding as team for developing a sustainability app