

Education

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| Maynooth, Co. Kildare BSc Computer Science & Software Engineering <i>First Year:</i> <i>Second Year:</i> <i>Third Year:</i> Achievements: Maynooth University Entrance Scholar Award 2020, 2 nd Place Oracle Coding Competition 2021. | Maynooth University 1:1 First Class Honours 1:1 First Class Honours On track for 1:1 First Class Honours Progression | Sept 2020 – Present GPA: 4.0 (total) |
| Granard, Co. Longford Leaving Certificate Achievements: Cnoc Mhuire Granard High Achievers Distinction Award 2020 | Cnoc Mhuire Granard | Sept 2015 – June 2020 Points: 579 |

Experience

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| Technology Intern <ul style="list-style-type: none">Working as part of the Wealthtech Solutions team on the ESG Pro SAAS product, working on both frontend and backend technologies - Typescript, React, Javascript, Node.js, AWS (S3, ECS), Jira, Jenkins, SQL.Attending daily agile scrum meetings sharing collaborative insights and developing problem solving skills.Completed a CSR team project for WALK charity including a website (React) and branding (Adobe Illustrator) redesigns. | Fidelity Investments | Jan 2023 – Present |
| Dojo Champion/Mentor <ul style="list-style-type: none">Teaching students, aged 12-18, the fundamentals of computer science using - Scratch, HTML, CSS, JavaScript, Python. | CoderDojo | Jan 2023 – Present |
| Designer <ul style="list-style-type: none">Managed communications between 150+ design clients per month, adhering to privacy and data protection policies.Developed automated systems, resulting in a 32% decrease in turnaround time, streamlining the client onboarding processes and enabling the intake of approximately 20 additional clients per month.Acquired comprehensive knowledge of manufacturing processes to align design and development activities, optimizing efficiency and ensuring successful product assembly. | Longford Signs | Jun 2021 – Sept 2021 |
| Designer <ul style="list-style-type: none">(same as above). | Longford Signs | Jun 2020 – Sept 2020 |
| Design Intern <ul style="list-style-type: none">Interned at Longford Signs, developing proficiency in the following: Adobe (Illustrator, Photoshop, Xd), Roland Software, Client Communications, Database Management. | Longford Signs | Jun 2019 – Sept 2019 |

Project Work

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| Personal Website (HTML, CSS, Javascript) A website developed to showcase work and used as a means for contact. | ↗ https://github.com/kowalbartek/personal-website |
| Weather Web App (HTML, CSS, Javascript) A weather app that pulls from the OpenWeatherMap API to allow users to search for and view the forecast in cities worldwide. | ↗ https://github.com/kowalbartek/WeatherApp |
| Trigonometry Animation (Processing Language) A program visually demonstrating the function of cos and sin while creating an appealing configurable animation, to prove that oscillation is the projection of uniform circular motion on the diameter of the circle. | ↗ https://github.com/kowalbartek/TrigonometryAnimation |

Technical Skills

- Languages:** HTML, CSS, Javascript, Java, C, C#, C++, Typescript, Python, SQL, Bash.
- Libraries and Frameworks:** React.js, Node.js, Express.js, jQuery, Bootstrap.
- Tools:** Git, Jira, Docker, AWS, Jenkins, Adobe (Illustrator, Photoshop, InDesign), MS Office.