

Rian Errity

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Skills

TECHNICAL SKILLS	PERSONAL INTEREST	LANGUAGES
Java / C# / JavaScript / React / Python / PostgreSQL, Linux, DevOps, Docker/K8s	Linguistics, Computer Science Pedagogy, NLP/ASR/Synthesis, Productivity Systems	English (N), French (C1)

Experience

Software Developer – JPMorganChase, Dublin, Ireland	09/2024 — Present
<ul style="list-style-type: none">Full stack developer for the Corporate & Investment Banking sector, developing and maintaining C#/React-based projects.	
Software Developer Team Lead – Abair Project, Trinity College, Dublin, Ireland	06/2022 – 08/2024
<ul style="list-style-type: none">Developing Mobile Applications using React Native, React, Postgres and Node.jsManaging Infrastructure for the entire Abair project, including a dedicated server with internal networking, VPN access, and monitoring tools such as Grafana.Development Lead for Geabaire, funded by The Department of An GaeltachtManaged a team of 8 junior developers, alongside running workshops and providing mentorship.	
Software Engineering Intern – Microsoft, Tallinn, Estonia.	06/2022 – 09/2022
<ul style="list-style-type: none">Worked on on the so-called ‘PSTN Entitlement Service Team’Developed a framework for executing synthetic tests in Azure DevOps (ADO) for the entitlement service, which serves Microsoft Teams, Skype for Business and Azure Communication Services	
Programming Tutor – Olus Education, Remote, Ireland	03/2021 – 06/2023
<ul style="list-style-type: none">Taught classes to over 300 students aged between 7-18 across various subjects including Scratch, HTML/CSS/JS, Java (Processing) and Arm AssemblyDeveloped Lessons and created scripts to alleviate administrative load.	

Education

Computer Science, Linguistics and French – Trinity College, Dublin	2020 – 2024
<ul style="list-style-type: none">CSLF concerns the multidisciplinary study of Computer Science, alongside linguistics, the science of language as well as the study of a particular language. This included a 1-year Erasmus exchange to Université Grenoble Alpes.	
	B.A (Mod) First Class Honors (I) 4.0 GPA

Projects

<ul style="list-style-type: none">Geabaire: An Irish AAC System (React Native Application) – Lead Software Developer, Abair Project Developed an Irish-language alternative and augmentative communication (AAC) tool to allow non-verbal individuals to be able to produce grammatical, synthetic Irish-language speech. Accessibility is currently inaccessible in the Irish language, lowering barriers to education and increasing access to government services through Irish. DOI: 10.13140/RG.2.2.34707.90402

Activities / Volunteering

<ul style="list-style-type: none">hackTrinity — First Place (€1,000 prize) Won first place at the biannual hackTrinity hackathon by building a mobile application in React Native to improve political literacy in Ireland by providing educational games, as well as real insights to what TDs are doing.National Lottery Good Cause Awards — County Winner My project, Geabaire — partly funded by The National Lottery won the best Irish-language project in Dublin during The Good Cause Awards.SISTEM Conference Organized and managed the annual SISTEM Tech Conference including developing the website.Trinity College Dublin Students’ Union Class Representative (20-21) School Convenor (21-22) Oversight Commission Member (22-23.) Roles have involved being the student representative for the entire school of computer science.College Societies Formerly the Treasurer and SysAdmin for TCD Netsoc, The Computer Networking & System Administration Society.
