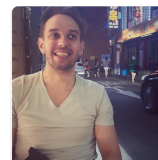


Chris Hickey

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Employment History

- 2020 – **Senior Python Developer** Blueface: A Comcast Business Company, Dublin, Ireland (Backend API developer for UCaaS platform; Sep 2020 –)
- 2018 – 2020 **Graduate Researcher** BioIntelligence Lab - Seoul National University, Seoul, Korea. (Sep 2018 – Aug 2020.)
 - 2019 **Blockchain Developer.** Common Computer - Blockchain Company, Seoul, Korea. (Developer for distributed blockchain database; Jan – Dec 2019.)
- 2016 – 2017 **Team Lead.** Ericsson - Multinational Telecom Company, Athlone, Ireland. (Testing automation lead on AIA product; Sep 2016 – Sep 2017.)
- 2014 – 2016 **Software Engineer.** Ericsson - Multinational Telecom Company, Athlone, Ireland. (Python Developer and DevOps on ENM product; Sep 2014 – Sep 2016.)

For detailed information on employment, visit chrishickey.github.io

Education

- 2018 – 2020 **M.Sc. Engineering, Seoul National University, Korea** in Artificial Intelligence. Thesis title: *Investigating Hierarchical Color Learning in Convolutional Neural Networks*. GPA: 4.22/4.3
- 2015 – 2016 **Prof. Dip. Data Analytics, University College Dublin, Ireland**
First Class Honours.
GPA: 4.0/4.2
- 2013 – 2014 **M.Sc. Software Engineering, Athlone Institute of Technology, Ireland.**
First Class Honours. Graduated in top 5 of class.
- 2009 – 2013 **B.A. (Hons) Psychology, University College Dublin, Ireland.**
First Class Honours. Graduated 2nd in class.
GPA: 3.86/4.2
Exchange Year. Completed at University of Hong Kong.

Research Publications

Bibliography

- 1 Hickey, C., & Zhang, B.-T. (2020a). Classifying verbal commands using convolutional neural networks and mel-spectrographic sound representations (upcoming), In *Proceedings of korea computer congress*.
- 2 Hickey, C., & Zhang, B.-T. (2020b). Hierarchical color learning in convolutional neural networks, In *Proceedings of the ieee/cvf conference on computer vision and pattern recognition workshops*.
- 3 Hickey, C., & Zhang, B.-T. (2020c). Split gibbs sampling algorithm for consistent motif discovery (upcoming), In *Proceedings of korea computer congress*.
- 4 Cho, S., Lim, J., Hickey, C., Park, J., & Zhang, B.-T. (2019). Simulating problem difficulty in arithmetic cognition through dynamic connectionist models, In *Proceedings of the 17th international conference on cognitive modeling*.

Cho, S., Lim, J., **Hickey, C.**, & Zhang, B.-T. (2019). Problem difficulty in arithmetic cognition: Humans and connectionist models., In *Proceedings of the 41st annual meeting of the cognitive science society*.

Skills

Languages	📖	Native English speaker, Intermediate level Korean.
Coding	📖	Python, NodeJS, R and Java.
Main Competencies	📖	Software Development, Test Automation, DevOps, Computer Vision, Machine Learning and Blockchain.
Misc.	📖	Academic research, Academic writing, Git, \LaTeX Linux and Publishing.

Miscellaneous Experience

Scholarships

- 2017 – 2020 📖 **Korean Government Scholarship Program (KGSP)**, Selected as the sole successful candidate from Ireland for a scholarship granting full tuition to study a M. Sc. in Engineering at the best university in South Korea (Seoul National University, ranked 39th globally).
- 2013 📖 **Ericsson Scholarship**, Awarded full tuition at Athlone Institute of Technology and stipend from Ericsson in exchange for a commitment to work for the multinational company upon graduation.

Additional Work/Volunteer Experience

- 2011 – 📖 **English Teaching**, Have taught English to both adults and children in Zambia, Hong Kong, Vietnam, Ireland and South Korea, summing to a total of 2 years teaching experience.
- 2015 – 2017 📖 **Samaritans Phone Counsellor**, Volunteered at night on a hotline listening service for Irish people suffering with loneliness, distress, depression and other mental health issues.

Certification

- 2011 📖 **CELTA Certificate**, Completed a full-time month long CELTA English teaching course run in conjunction with Cambridge University.