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|  | Chi-Jui Wu | CURRICULUM VITAE | |
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|  | EMAIL | [chi-jui.wu.15@ucl.ac.uk](mailto:chi-jui.wu.15@ucl.ac.uk) |
| WEBSITE | <http://chijuiwu.space> |
| GITHUB | <http://github.com/cjw-charleswu> |
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| 2015 - 2016  2011 – 2015  2007 – 2011 | EDUCATION  **MRes. Computational Statistics and Machine Learning,** *Distinction*  **University College London** (United Kingdom)  Publication: [C.1]  Supervisors: Nicolai Marquardt, Steven Houben  **BSc. Computer Science,** *First-Class Honours*  **University of St Andrews** (United Kingdom)  Publication: [J.1]  Supervisor: David Harris-Birtill  **High School Diploma,** *3.71/4.0 GPA*  **American International School of Guangzhou** (China) | |
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| 12/2016 – 01/2018  06/2015 – 09/2015  06/2014 – 09/2014 | EMPLOYMENT & RESEARCH EXPERIENCE  **English teaching assistant** (Taiwan)  Teaching in remote rural areas in Taiwan as substitute military service.  **Research internship at University of St Andrews** (United Kingdom)  *Software recomputation* ([recomputation.org](http://www.recomputation.org/)), *virtual machines, continuous integration.*  Supervisor: Ian Gent  **Research internship at University of St Andrews** (United Kingdom)  *Group collaboration user interfaces, depth-sensing data visualization.*  Supervisors: Aaron Quigley, Per Ola Kristensson | |
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| [C.1]  [J.1] | PUBLICATIONS  **Wu, CJ.**, Houben, S., Marquardt, N. (2017) EagleSense: Tracking People and Devices in Interactive Spaces using Real-Time Top-View Depth-Sensing. To Appear In *Proceedings of the 35th Annual ACM Conference on Human Factors in Computing Systems (CHI ’17)*. ACM, New York, USA.  **Wu, CJ.**, Quigley, A., Harris-Birtill, D. (2016) Out of Sight: A Toolkit for Tracking Occluded Human Joint Positions. In *Personal and Ubiquitous Computing*. doi:10.1007/s00779-016-0997-6. | |
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|  | RESEARCH INTERESTS  Artificial intelligence applied to user interfaces and interactive systems, proxemics and multi-device interactions, data visualization, computer science education. | |
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| 2010 – Present | TUTORING EXPERIENCE  **Mathematics and Chemistry** (High school), **Computer Science** (University), **English** (Elementary school) | |
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| 02/2016  01/2016  11/2013  11/2013  06/2015  06/2014  06/2011 | HACKATHON ACHIEVEMENTS & AWARDS  **Honorable mention, University College London Data Science Student Challenge** (United Kingdom)  **Best use of Mendeley API, Hack Cambridge** (United Kingdom)  **Finalist, Barclays Openminds Hackathon** (United Kingdom)  **First, J.P. Morgan Code for Good Challenge** (United Kingdom)  **Dean’s List, University of St Andrews** (United Kingdom)  **Dean’s List, University of St Andrews** (United Kingdom)  **Presidential Award, American International School of Guangzhou** (China) | |
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| Miscellaneous  Programming languages  Computer vision  Machine learning  Scientific computing  Web technologies  Sensors and hardware  GUI frameworks  Virtual machines  Game engines | TECHNICAL SKILLS  **Git, TravisCI, Bash, Batch, Unix**  **Java, Python, C, C++, C#, Matlab, JavaScript, Go**  **OpenCV, EmguCV**  **Scikit-Learn, XGBoost, Keras**  **Numpy, Scipy, Pandas, Matplotlib, Seaborn**  **Markdown, HTML, CSS, Bootstrap, JQuery, WebGL, D3.js, Flask, Tornado, Django**  **Microsoft Kinect, Phidget, Arduino**  **Swing, JavaFX, WinForms, WPF**  **Vagrant**  **Unreal Engine, Phaser, pixi.js** | |
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| 05/2014 – 05/2015  05/2013 – 05/2014  05/2012 – 05/2013  09/2011 – 12/2011 | POSITIONS OF RESPONSIBILITIES  **Treasurer, University of St Andrews Computing Society** (United Kingdom)  **Secretary, University of St Andrews Psychology Society** (United Kingdom)  **Events coordinator, University of St Andrews Psychology Society** (United Kingdom)  **First-year representative, University of St Andrews Breakaway (Hill-Walking) Society** (United Kingdom) | |
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