Rikuo Hasegawa

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Skills

Computer Graphics // xR // Functional Programming // Aquaponics // Controlled Environment Agriculture // Web (Front|Back)end // Optimization // DevOps // SysML // Data Engineer

Experience

- - [04/2018 ~ 05/2019] Mercari Inc. // Machine Learning Team // Software Engineer
- - [01/2018 ~ 09/2018] Japan Plant Factory Association // Researcher
- - [08/2017 ~ 08/2017] Mercari Inc. // Machine Learning Team // Summer Internship
- - [10/2016 ~ 10/2017] MIT Media Lab // Open Agriculture Initiative // Projects Assistant
- - [04/2016 ~ 09/2017] Mogura Inc. // Mogura VR // Writer & VR Developer (Articles)
- - [08/2015 ~ 04/2016] Colopl Inc. // VR Development Team // VR Developer
- - [02/2015 ~ 06/2015] Team IcARus // Software Developer (Mainly VR)
- - [02/2014 ~ 04/2014] Candle Inc. // Moode // Software Developer

Education

- [09/2019 ~ Current] University College London // BSc. Theoretical Physics
- [09/2018 ~ 06/2019] University College London // Undergraduate Preparatory Certificate for Science and Engineering
- [04/2013 ~ 03/2016] Tokyo Metropolitan Kokusai High School

Awards

- 07/2017 Member // Masayoshi Son Foundation
- 04/2016 Best Prize // Yomiuri Giants Hackathon
- 08/2015 Yahoo Japan Fund Prize // Innovator's Summer Hackathon
- 08/2015 Softbank Prize // Innovator's Summer Hackathon
- 06/2015 Member // Tech Lab Paak (Under Recruit Ltd.)
- 04/2015 Best Prize // BizJapan VRHMD Hackathon

Publications and Articles

- Data Warehouse for Plant Phenotyping in Plant Factories // Japanese Society of Agricultural Biological and Environmental Engineers and Scientists // Rikuo Hasegawa
- GODEL poster // MIT Media Lab Members' Week // Rikuo Hasegawa

- 世界における人工光型植物工場の研究開発－課題と展望－ // アグリバイオ 2018年6月号 // 古在 豊樹, 魯 娜, 長谷川 陸央, 雨谷 弓弥子, 布村 伊, 野崎 友美, Yu Zhang, 林 絵理
- だれでも分かる多目的最適化問題超入門 qiita
- Cancel detection of transactions based on chat messages // Mercari Tech Blog // **Rikuo Hasegawa**
- Aquaponics (EN/JP) // Kokusai High School Individual Research Project // **Rikuo Hasegawa**

Talks, Exhibits, and Interviews

- 09/2018 [conference talk] Data Warehouse for Plant Phenotyping in Plant Factories // JSABEES 2018
- 01/2016 [talk] *U18 僕らの未来 ～伊藤穰一と中高生の白熱トークライブ～* // NHK (TV)
- 01/2016 [interview] *現役学生プログラマーが力を入れる、循環型のエコシステム"アクアポニックス"* // sensors.jp
  - http://www.sensors.jp/post/demoday_7.html
- 12/2015 [talk] *ボクとレタスの話* // DemoDay.Tokyo#0
- 05/2015 [interview] *【西川善司】視線追跡機能付きVR HMDからAI搭載ミニ四駆まで。独創的な技術を持つベンチャー企業が集まる「Slush Asia」を見てきた* // 4gamer.net
  - http://www.4gamer.net/games/999/G999902/20150521013/
- 04/2015 [exhibit] *Drone Space Defense, Team IcARus* // SLUSH Asia
- 10/2014 [interview] *CODE1000メンター田中洋喜×谷脇大輔が語る「プログラミングが上達するコツ」* // CodeIQ
  - https://codeiq.jp/magazine/2014/10/17138/

Live Visuals

- 05/2019 AlgoMesh @ AlgoMech // Sheffield, UK // Visuals
- 09/2018 InfiniteRave #1 // Tokyo, Japan // Visuals for DJ Gaku