Ayano (Nishimura) Komura

Skills: C#, JavaScript, Python, PHP, SQL, HTML, css

Mail: miserablescaromioben@gmail.com
Website: https://yanooooo.github.io

Experience

Tyffon Inc. - Software Engineer   December 2018 - Present
- Designed and developed gesture recognition with accuracy 98% by machine learning in **Python**.
- Designed, developed, and tested an AR application as a lead engineer by Unity in **C#**.
- Designed and developed a blower system API for VR by **JavaScript**.
- Implemented gesture detection function in an AR application with the Magic Leap by Unity in **C#**.
- Developed an AR application with the NrealLight by Unity in **C#**.

Ochanomizu University - Ph.D. student   April 2016 - Present
- Implemented and evaluated a lyric transcreation system for easier lyric translation.
- Implemented and evaluated a design system for flashy eye make up from images.

Yahoo! JAPAN - Web Engineer   April 2015 - October 2018
- Designed, developed, and tested Y!mobile web services by **PHP**, **javaScript**, and **SQL** on Linux.
- Designed, developed, and tested web application for releasing banners for non-engineers by **JavaScript** with Node.js.
- Ported price estimation APIs code from **PHP** to **Python**.
- Hosted an internal hackathon in association with Y!mobile, and got an award from the department for hosting the hackathon.
- Planned and hosted a monthly assembly of a hundred employees for 12 month, and got an award for it.

Education

Ochanomizu University - Master of Information Sciences   April 2013 - March 2015
Ochanomizu University - Bachelor of Information Sciences   April 2009 - March 2013
Musashino Academia Musicae - Quit Vocal Music Course   April 2008 - September 2008

Awards

Hackathons

Open Hack U 2014	Best Performance Award & Smartphone Liberation Award
School festival Grand Prix 2014	Research Presentation Division Award
Tokyo Hackademics 2015	Second Finish Award
Mashup Award Meme Hackathon 2015	Mashup Award
Mashup Award 2016	Student Department Advance to The Finals
SPAJAM 2017 Preliminary Contest	Second Finish Award

Others
- Awarded by IPSJ for excellent undergraduate thesis in the 75th National Convention of IPSJ.
- Half repayment exemption of student loan for excellent grades (top 30%) from Japan Student Services Organization (JASSO) type-ome scholarship.

Additional Information

Patents

Algorithm for generating eye shadow colors from images.	Patent publication number 2015-156072
Algorithm for generating a color style guide from images.	Patent application 2018-175452
Changing AR objects when hiding a part of an AR marker or not.	Patent application 2019-150717

Paper
- Nishimura, A., Itoh, T. Implementation and experiments for interactive lyrics transcreation system. Vis. Comput. Ind. Biomed. Art 3, 17 (2020). https://doi.org/10.1186/s42492-020-00053-x
  - Published as Nishimura, my maiden name.