

Yoshimasa Iwano

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EDUCATION

San Francisco State University, CA

2021~Present

- Master of Science in Computer Science
- GPA: 3.8

University of Tsukuba, Ibaraki, Japan

2017~2021

- College of Engineering System, School of Science and Engineering, Intelligent Interactive Systems Major
- Bachelor of Engineering
- Completion of Japan Accreditation Board for Engineering Education (JABEE)
- Funded by JASSO (**ScholarShip**)
- GPA: 3.4

RESEARCH EXPERIENCE

Graduation Research - in Visual Media Laboratory, University of Tsukuba

2020~2021

- Title: Applying Convolutional Neural Network to Predict Pathology of Postchemotherapy Retroperitoneal Nodal Masses in Germ Cell Tumors
- **Collaborated** with 2 doctors and 1 professor having a meeting per month
- Learned **Pytorch** and **Pandas** for over 6 months and gained strong knowledge
- Gained knowledge of medical data (**DICOM**, **CT images**, Tumor Markers)

Domestic Conference -The Institute of Electronics, Information and Communication Engineers (IEICE)

July.2021

- Developed **ensemble ML models** consisting of 3 **SVMs** and **Resnet50** and improved the accuracy by 2%
- Reference: <https://www.ieice.org/ken/paper/20210709VCen/eng/>

PROJECT EXPERIENCE

CSC317 - Introduction to Software Development

Fall 2021

- Developed a Web site using **HTML/CSS**, **JavaScript**, and **Node.js**

CSC340 - Programming Methodology

Fall 2021

- Worked on the final project with 5 team members using **C++**

CSC413 - Software Development

Fall 2021

- Developed a series of a large compiler codebase using **Java**
- Got an **A** grade. (2 out of 23)

EMPLOYMENT

Tutoring and Academic Support Center at SFSU, San Francisco, CA

Feb.2022~Present

Part-time Student Tutor

- Supported and helped students with their academic problems

School IE Cram School, Tsukuba, Japan

2018~2021

Part-time Instructor

- Learned how to manage student's motivation for study and worked for 3 years

SKILLS

- Programming: Python, C/C++, Java, HTML/CSS, JavaScript, MySQL
- Tools/Libraries: Linux, Git, PyTorch, TensorFlow, NumPy, Pandas, Scikit-learn

ACHIEVEMENT

- Certificate: '**Algorithms**' by Stanford University from Coursera
<https://coursera.org/share/b83caa25c9a954d509cc71bb487b2e2d>