

Lanxiao Bai

LOOKING FOR 2017 SUMMER SOFTWARE ENGINEER INTERNSHIP AND 2017-2018 PART TIME POSITION

1603 Melrose Valley Court, Urbana, IL 61801

☎ +1 217-550-1414 | ✉ hermitebai@outlook.com | 🌐 <http://lbai5.web.engr.illinois.edu> | 📄 <https://github.com/HermiteBai>

Education

University of Illinois at Urbana-Champaign

B.S. IN MATH & COMPUTER SCIENCE

- Advisor: Sanmi Koyejo
- Research interests: Deep learning
- Direction: Data analytics, web development, machine learning

Urbana-Champaign, USA

Aug. 2015 - May. 2018 (Expected)

Working Experience

Oracle (China) Software Systems Co., Ltd.

TECH CONSULTANT INTERN

- Implemented a module used to generate .csv files, identify the missing mandatory entries with Java
- Encapsulated a set of interfaces of Oracle Sales Cloud RESTful Web Service and wrote its correspondent unit test with Java
- Setting up of Single Sign On System with Taleo for NEXTEV

Chengdu, China

May. 2016 - Aug. 2016

Research

Brain fMRI Super-resolution by Generative Adversarial Network

PYTHON & KERAS & TENSORFLOW

- Working under instruction of Professor Sanmi Koyejo of University of Illinois using Keras to train the model
- Replicated Videogan with Tensorflow

Urbana, USA

Sep. 2016 - PRESENT

Bridging Collaborative Filtering and Semi-Supervised Learning: A Neural Approach for POI Recommendation

PYTHON & KERAS & TENSORFLOW

- Worked with Ji Yang of University of Illinois using Keras to train the model
- Preprocessed the data with numpy and sklearn
- Visualized training process and data with matplotlib

Urbana, USA

Sep. 2016 - Dec. 2016

Projects

ExpOCR

ANDROID & DJANGO & MYSQL

- Developed a personal financial management Android App with OCR to resolve receipts in team with Android as front end, Django as backend server and MySQL as database to store the data of customers

Urbana, USA

Feb. 2017 - PRESENT

Contribute to K Framework

JAVA & MAVEN & JUNIT

- Collaborated with teammates to add features like pretty printing of abstract syntax tree for K Framework using Java to add features, test codes we modified with unit tests with JUnit, trace coverage with Jacoco and manage the whole project with Maven

Urbana, USA

Oct. 2016 - Dec. 2016

Handwriting Number Recognition

C++, PYTHON, KERAS

- Developed Handwriting Number Recognition system based on kNN Algorithm, reached 98% accuracy on MNIST
- Trained a LeNet-5 like Convolutional Neural Network with Keras, reached 92% accuracy in not-MNIST dataset

Urbana, USA

Jun. 2016 - Jul. 2016

Unix Utilities and Fun

C & UNIX SYSTEM CALL

- Developed full-function CLI 2048 with C Programming language
- Developed a simplified makefile interpreter
- Developed anti-distraction program – "Again, you are not focusing"

Urbana, USA

May. 2016 - July. 2016

Skills

Programming C, C++, Java(with Maven, JUnit), Python (with Numpy, Scipy and Matplotlib)

Web HTML5, CSS3, JavaScript, WebGL, jQuery, ReactJS, Bootstrap, Foundation

Database MySQL

Machine Learning Tensorflow, Keras, Sklearn

Documentation L^AT_EX, Markdown

VCS SVN, Git

LANXIAO BAI

605 East White Street, Champaign, Illinois, 61820

April 15, 2017

Erica Lewis
VP; Staffing manager II
Bank of America
135 S La Salle Street
Chicago, IL, 60603

Dear Ms. Lewis

My name is Lanxiao Bai, a junior student majoring in Mathematics and Computer science in UIUC. Recently, I was looking for a summer intern position for a computer science major and found this Global Technology Summer Analyst Program provided by Bank of America on our career fair held in UIUC. I had a very enjoyable conversation with the recruiters there and is excited to learn more about this program and see if I have a chance to join it.

As a computer science student who focus on data analysis and machine learning technologies, I think this analyst program is just right for me to apply the skills I learn from college to make real contributions in industry and profits. In a recent research projects, I did a lot data preprocessing and model constructing, I'm sure I'm able to collaborate with my talented colleagues and do more in work with this experience.

I'd be very appreciated if you can read my attached resume and kindly give me a chance of interview for me to display more of my ability to be qualified. And if there's anything more you need to know, please feel free to contact me through my email or phone given in my resume. I'll respond as soon as possible. Thank you very much and looking forward to you feedback.

Sincerely,

Lanxiao Bai