

# HUANG FORREST ZIFENG

## ACADEMICS

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May  
2017 (Expected)

University of Illinois at Urbana-Champaign  
**B.S. Computer Science, Cumulative GPA: 3.96/4.00, Engineering James Scholar**  
**Selected Coursework: CS374 - Algorithms and Models of Computation, CS465 - User Interface Design, CS440 - Artificial Intelligence**

## PUBLICATIONS

2016

**ERICA: Enabling Real-time Interaction Capture for Android**

Biplab Deka, **Zifeng Huang** and Ranjitha Kumar  
Paper, Conditionally Accepted to UIST 2016

2015

**Ranking Designs and Users in Online Social Networks**

Biplab Deka, Haizi Yu, Devin Ho, **Zifeng Huang**, Jerry O. Talton and Ranjitha Kumar  
Work-in-progress, Extended Abstracts of CHI 2015

## WORK EXPERIENCES

2015

**The Climate Corporation**

Software Engineering Intern(Android)

- Developed a Library that provides a more accessible and new method of **visualisation** for farmer to access their data.

2014

Onwards

**University of Illinois at Urbana-Champaign**

Research Assistant of Professor Ranjitha Kumar's Data-driven Design Group

- Constructed an experiment platform based on the **UIAutomator** and **Android Debug Bridge** that attempts to explore every possible view on any given Android application.
- Modified the **Android SDK and system source code** and built a **custom version of Android** for to access **WindowService, Intent, Activity and View data**.
- Constructed a RESTful infrastructure that accommodates various design data sets based on the MEAN stack.

Course Assistant for Computer Science Course CS125

- Selected as Course Assistant due to Academic Merit and is responsible to assist students with difficulties over the course in office hours and discussion sections.

2014

**QFPay Technology**

Software Engineering Intern (Part-time)

- Responsible for **incorporating Facebook API** to the **authentication process** and adding new features for the international version of it's e-commerce platform.

## LEADERSHIP/PROJECTS

2015

**President, Promoting Undergraduate Research in Engineering Committee**

- Managed and promoted a research program that facilitates over 15 graduate student mentors and 50 undergraduate students every semester to **complete a research project and to present at the symposium**.

2014

**Volunteer IT Manager, New Sights Congo**

- Developed and Managed web application based on the Django framework for the donor database.
- Redesigned the organisation webpage and managed social media pages of the organisation which aims to provide proper medication and surgery for patients of eye disease in Congo Republic.

2014

**Mentor/Treasurer, ACM WebMonkeys**

- Gave tutorials and assistance on various web technologies to beginners in the special interest group.

## AWARDS

2015

**Dean's List, University of Illinois at Urbana-Champaign**

## SKILLS

Programming Experience: Java(Advanced with Android Development Experience), Python(Intermediate with Django Development Experience), Javascript, Ruby on Rails, C++, Objective-C(Basic)

Languages: Cantonese (Native), Mandarin (Native)