

Henry Chen

1532 Highland Lake, Decatur, GA 30033
henry.chen@emory.edu | 404.702.8057

Github: github.com/henryyh
Website: henryyh.info

EDUCATION

Emory University, Atlanta, GA

May 2017

Bachelor of Science in Computer Science and Mathematics

Cumulative GPA: 3.9 / 4.0

Dean's List: Fall 2013, Fall 2014, Spring 2015, Fall 2015, Spring 2016 | Phi Eta Sigma Honor Society

TECHNICAL EXPERIENCE

Languages: Java, C, JavaScript (Angular.js, Express.js, Node.js), SQL, NoSQL

Tools & Frameworks: Eclipse, IntelliJ, Sublime, Git, Maven, Linux, MongoDB, JUnit, Jenkins, Mocha

2015 ACM International Collegiate Programming Contest, Div. II (2nd Place in Southeast Regionals | 1st place Georgia Tech site)

WORK EXPERIENCE

Scalyr Inc., San Francisco, CA

May 2016 – Aug 2016

Software Engineering Intern

- Designed clustering algorithms and unsupervised classification models for unstructured system and application logs.
- Created effective document representation of raw log messages for customized feature extraction and selection.
- Productized log clustering features, such as log trend analysis, error log identifications, and incoming log classification.

Emory Natural Language Processing Lab nlp.mathcs.emory.edu

Oct 2014 – Present

Undergraduate Research Assistant

- Researched on character mining and knowledge base construction for participants within multi-party conversations.
- Supported and contributed to open-source NLP library NLP4J. github.com/emorynlp/nlp4j

Emory Summer Undergraduate Research Experience Program

May 2015 – Aug 2015

Undergraduate Researcher

- Implemented a Java semi-supervised module that trains statistical models to identify main named-entities.
- Achieved over 60% in raw accuracy for main named-entities extraction on 3,400 New York Times articles.

Emory University Student Technology Support

Aug 2014 – Present

Support Technician

- Developed, deployed, and maintained server for service instance handling and progress monitoring for 12,000+ students.
- Provided campus-wide technical support, computer troubleshoot, and malware removals for Emory students.

CS 323 Data Structure and Algorithms / CS 329 Computational Linguistics

Dec 2014 – Present

Teaching Assistant

- Assisted with grading and curriculum planning for Dr. Choi's undergraduate class of 50 students.
- Generated customized bash scripts for automated homework collection and JUnit tests for homework grading.

PROJECTS

Character Mining *Java, Natural Language Processing*

2016

- Research focusing on mining attributes to construct knowledge bases for entities in multi-party conversations.

Student Tech Support Integrated System *MEAN stack*

2015

- Web application that provides frontend and backend service for students' technical support requests.

QuickSource *MEAN stack*

2015

- Web application that crowd-sources human capital with primary focus of campus research opportunities.

MajorMan *LAMP stack*

2013

- Add-on web application that provides smart academic advisory and planning to existing enrollment system at Emory.

PUBLICATIONS

Character Identification on Multiparty Conversation: Identifying Mentions of Characters in TV Shows

2016

In Proceedings of the 17th Annual Meeting of the Special Interest Group on Discourse and Dialogue, SIGDIAL'16, Los Angeles, CA.

LEADERSHIP AND COMMUNITY ENGAGEMENT

Emory Entrepreneurship & Venture Management

Sept 2013 – Jan 2015

Director of Technology & Founding Member

- Administrated club's websites: EEVM, Innovation Quotient, HackATL, and Siperstein Business Competition.
- Created marketing website and administrative application for hackATL, the South's premiere business hackathon.

ADDITIONAL SKILLS AND INTEREST

Language: Native in Mandarin Chinese | Bilingually proficient in English

Interests: Exotic food, badminton, television series, emerging technologies & startups, hackathons