

Laurence Welch

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OBJECTIVE

An internship in a software-development position, preferably related to backend systems development.

EDUCATION

Ithaca College, School of Humanities and Sciences, Ithaca, New York
Bachelor of Arts in Computer Science, with Honors • Minor in Economics

Expected Grad
Date: May 2015

HONORS AND AWARDS

Dean's List • Dana Student Internship Scholar • Silver Star First Year Academic Achievement

RELEVANT COURSES

Machine Learning • Data Structures • System Security • Computer Organization and Systems • HCI: User Interface Design and Development • Software Engineering • Principles of Computer Science II • Calculus • Macro Analysis • Econometrics

RELATED EXPERIENCE

Lead Research Assistant

January 2014-Present

Ithaca College Computer Science Department
Ithaca, NY

- Designed algorithms to aid in automatic playlist generation.
- Implemented RESTful backend server to using Play MVC.

Volunteer Programmer

September 2014-Present

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- Developing android news distribution application.
- Developing system to automatically push articles to mobile devices at publication.

Head Developer/ Co-Founder

July 2014-Present

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Ithaca, NY

- Developed system for clustering short clips/videos/pictures and labeling with appropriate content tags
- Wrote algorithm for recommending personalized content based on user feedback and preferences .

Volunteer Programmer

September 2014-Present

Ithaca College Computer Science Department

- Developing Senior Project Repository.
- Coordinating the collection of projects from prior years.

OTHER EXPERIENCE

Lawyer's Assistant

June 2012- August 2012

New York City Housing Authority
Manhattan, NY

Intern

June 2011-September 2011

Congressional Office of Tim Ryan
Washington D.C.

SPECIALIZED SKILLS

Programming Languages: C++, CUDA, Java, C#, C , SQL, VB.NET
Web Development: HTML, JavaScript, PHP, Node.js
Tools: Visual Studio, Matlab, Torch, X-Code, Matlab
Languages: Fluent in English; Intermediate Mandarin

PROFESSIONAL AFFILIATIONS

Northeastern Music Special Interest Group(NEMSIG)