Arthur Himmel

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Experience

- **SOFTWARE ENGINEER INTERN, WORK4 – PARIS, FRANCE & SAN FRANCISCO, USA – OCT 2013 - SEP 2014**
  - ‣ Implemented key features which led to a **churn reduction of over 30%**
  - ‣ Improved the front-end architecture (automation with **Grunt** and **Browserify**, testing with **Mocha**, **Chai** and **SinonJS**)
  - ‣ Refactored the CSS code, using **SASS**, **Atomic Design** and **BEM**
  - ‣ Helped extend the Django-based **REST API**

- **SOFTWARE ENGINEER INTERN, QWINTI – PARIS, FRANCE – APR 2013 - AUG 2013**
  - ‣ Implemented a recommendation algorithm based on the users' taste in Python, empowered by **Redis** and **Celery**
  - ‣ Redesigned the version control design with git
  - ‣ Designed key features using **Django** and **jQuery**

Education

- **ECOLE CENTRALE DE LILLE – MASTER OF SCIENCE – LILLE, FRANCE – 2011-2015**
  - ‣ Majoring in **Web Development**, minoring in **Applied Mathematics** (Probabilities and Data Analysis)
  - ‣ Thesis on **Isomorphic Javascript Applications**
  - ‣ **GPA** : 3.2

Skills

- ‣ **Languages** : Python, JavaScript/CoffeeScript, SQL, HTML, CSS/SASS
- ‣ **Frameworks/Libraries/Tools** : Node.js, Django, Celery, MongoDB, Redis, Backbone.js, jQuery, git

Projects

- **K.CIIE – ECOLE CENTRALE DE LILLE – 2011-2013**

  Designed a wireless sensor interface allowing artistic performers to interact with scenic effects through their movements.
  - ‣ Used the Arduino, XBee and MIDI technologies
  - ‣ Developed the Arduino application to forward the sensors' informations to different types of software (DAW, light control, etc.)
  - ‣ Built during two years with a multicultural team of 6 students and a professional partner (a dance company)

- **TRACKLY**

  A « Read-it-later » for Youtube and Soundcloud clips

  (`arthurhimmel.com:3000`)
  - ‣ Built with Backbone, jade and SASS, and automatized with Grunt
  - ‣ Running on a Express.js/MongoDB stack