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CORENTIN SMITH

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EMPLOYMENT

Software Engineer, Intern	FreshPlanet	Mar 2013 – Feb 2014
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SongPop

- Took part in the development of the hit game SongPop in a 3 person team supporting 15 million users, implementing a large part of the UI and logic
- Wrote a native extension for Air enabling M4a playback on Android devices
- Implemented a caching system on Google App Engine to reduce the calls to an external API, dividing the number of requests by 2000
- Developed a tool to match SongPop's 20M songs database with Amazon's entire MP3 catalog of 60M tracks

EDUCATION

Paris, France	École Centrale Paris	Fall 2009 – Present
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École Centrale Paris is one of France's top master's level engineering schools

- Fourth year – subjects: *Advanced Programming, Digital Communications & Networks, Automatic Systems, Fluid Mechanics, Management*
- Third year – subjects: *Calculus, Probability, Statistics, Physics, Electronics, Computer Science*
- Second and first years: intensive Math and Physics preparation

TECHNICAL EXPERIENCE

Projects

- **Koaplay.com** (2013). Developed a social network for musicians in a team of 5 students. Symfony2, PHP
- **Empereur-immobilier.com** (2012). Designed and built a website for real estate agency Empereur Immobilier (<http://www.empereur-immobilier.com/>) in a team of two, based on a highly customized WordPress install. PHP, JavaScript, HTML/CSS
- **GDF Suez – Ineo** (2012). Designed and implemented the front-end part of an internal web-based tool for gathering employee feedback. HTML, CSS

Languages and Technologies

- Python, JavaScript, Java, ActionScript 3, PHP. Currently learning C and Obj-C
- Google App Engine, Django, Symfony2, Git, Android

LANGUAGES

- French – *Native language*
- English – *Full professional proficiency*
- Italian – *Limited working proficiency*
- German – *Elementary proficiency*

EXTRA-CURRICULAR ACTIVITIES

- **Sports** – Rock climbing, mountain sports
- **Music** – Guitar and piano player, played in several bands
- Vice-president of *Studio Rock*, a student musical club (Jan 2012 - Jan 2013)
- Member of the organizing team of the *Nuit Centrale Verticale*, a rock climbing contest, in charge of the website and print design