

Kevin James

LANGUAGES

I am fluent in **Python** and **Django**, **Java**, **C/C++**, **Bash**, and **HTML/CSS**, and have experience with **MySQL**, **PHP** and **JavaScript**.

TECHNOLOGIES

I am proficient with **Git** and **Svn**, **RegEx**, and **LaTeX**, and have developed with **JDBC**, **Redis**, **RabbitMQ**, and **Celery**.

OPERATING SYSTEMS

I am adept with **Linux**, and have worked with the **Mac**, **Windows**, and **Android** platforms.

EDUCATION

I am achieving a **Bachelor of Software Engineering** at the **University of Waterloo**.

AWARDS

I am an **AP National Scholar with Distinction**, a recipient of the **Software Engineering Entrance Scholarship**, and was awarded the **President's Scholarship of Distinction**.

CONTACT ME

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PROJECTS

PackTeX, *open-source project*, coded in **Python** for all platforms

- Designed a simple, cross-platform *TeX package manager.
- Received 3000 downloads in the first month.

AlmostEmpty, *open-source project*, coded in **Python** for all platforms

- Developed a standards-oriented barebones project creator.
- Received 8000 downloads in the first month.

Chromium, *open-source project*, coded in **C++** for **UNIX**

- Contributed hotfixes for critical issues.
- Maintained support tickets, including replicating bugs in beta builds.

UWHub, *open-source project*, coded in **Java** for **Android**

- Led a team of four developers to design and code the app.
- Interfaced with University of Waterloo API.

FORMAL EXPERIENCE

Software Developer at Wriber

- Created a natural language processing system which provided insights to help writers expand their work.
- Designed a machine learning system capable of learning to rank, regression analysis, and unbounded classification.
- Developed algorithms to sort, categorize, and rank the quality of related content and our own insights.

Software Engineering Intern at Oracle

- Developed a streaming JSON parser to transform highly-nested JSON files into a standard relational database.
- Added back-end support for JDBC databases.
- Created an end-user orchestration script to automate installation.

Technical Specialist and Administrator at Cholakis Dental

- Analysed and improved system security to medical standards.
- Maintained and integrated various technologies, including medical imaging systems.
- Designed, created, and implemented several websites as a team lead.

Founder of Android App Development Group

- Led a seminar on version control.
- Developed various Android utilities (see **UWHub**).

Web Designer and Team Lead of BudgetVote

- Designed the layout and structure of a web-based app.
- Created and implemented the app with **MySQL** and **PHP**.
- Organised and led a team of two other developers.