

# Kevin James

## LANGUAGES

I am fluent in **Java**, **C/C++**,  
**Python** and **Django**, **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.

## CONTACT ME

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## PROJECTS

### **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.
- 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.

## EDUCATION AND AWARDS

- Achieving a Bachelor of Software Engineering at the University of Waterloo
- Qualified as an AP National Scholar with Distinction
- Awarded the President's Scholarship of Distinction from the University of Waterloo
- Recipient of the Software Engineering Entrance Scholarship
- Recieved a Manitoba High School Diploma with Honours