

George “Quint” GVERNATOR V

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Department Mailing Addresses

{Linguistics, Computer Science} Department
College of William & Mary, P.O. Box 8795
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EDUCATION

- 2013—2017*
(anticipated) **The College of William & Mary** in Williamsburg, VA
Studying Linguistics and Computer Science
Cumulative G.P.A. 3.7; Dean’s List for 4 semesters
- Fall 2015* **Universiteit Leiden** in Leiden, the Netherlands
Courses in Linguistics, Meta-Science, and Social Sciences
- 2006—2013* **Norfolk Academy** in Norfolk, VA
Advanced courses in French, German, Mathematics, and Music Theory
Graduated with Honors

EMPLOYMENT EXPERIENCE

- Spring 2015*
(ongoing) **Freelance Web Developer** in Williamsburg and Norfolk, VA
Designed, built, and maintained Ruby on Rails webapps and their databases. Evaluated and reviewed research papers for implementation feasibility. Provided technical consultation to local entrepreneurs.
- Summer 2015 &*
Summer 2013 **Software & Computer Engineering** at Valeo Service, USA in Newport News, VA
Designed and built internal software. Deployed new software and systems. Maintained company servers. Provided technical support to employees.
- Fall & Spring 2014* **Software Development Intern** at the Institute for the Theory and Practice of International Relations at William & Mary
Maintained Ruby on Rails websites. Manipulated and interpreted technical papers using machine learning algorithms. Developed text mining processes. Designed and maintained internal software.

RESEARCH EXPERIENCE

- Spring 2015*
(ongoing) **Sensation and Perception through Augmented-Reality Audio** with the Small Hall Makerspace and the Physics department at William & Mary
Building and analyzing a system for sensory substitution or augmentation using electrical sensors as an artificial organ, augmented-reality audio as a human-machine interface, and a microprocessor development board for signal-processing.
- Summer 2014* **Learning Patterns of Mobile Interface Design** with the Department of Engineering and Sciences at the University of Colorado, Colorado Springs
Studying the effectiveness of machine learning techniques to analyze the quality of Android applications’ graphical design.

¹PGP Fingerprint: 65A6 6455 A2A5 CAC8 13E4 93FB FC13 890A 40FE EF7B

LINGUISTICS RESEARCH INTERESTS

- Computational linguistics research and development, especially related to cognitive science or computational cognitive modelling
- Theoretical work with perceptual biases and heuristics as manifest in idelect
- Language documentation, analysis, and preservation with an emphasis on community empowerment

COMPUTER SCIENCE RESEARCH INTERESTS

- Programming language development
- Computational linguistics research and development, especially related to cognitive science or computational cognitive modelling
- Developing powerful, flexible tools for computer power users and researchers outside the Software Development community
- Design patterns within concurrent and functional programming

COMPUTING SKILLS

- Proficient in Python (since 2007) and C (since 2013). Comfortable with Rust, Haskell, Ruby, Go, Java (the JVM and Android), and Shell scripting. Familiar with C++, Scheme/CLisp, and Lua.
- Comfortable on the web with Ruby/Rails, Javascript (including Coffeescript, node.js, JQuery, backbone.js), HTML, and CSS styling.
- Experienced at creating, managing, and working with PostgreSQL, MySQL, and Redis databases.
- Experienced building, configuring, and maintaining GNU/Linux machines, both professionally and for fun, using various distributions. An official Arch Linux pre-release package tester.
- Submitted patches to large open-source projects. Proficient with git and related tools.
- Comfortable reading and writing language grammars (EBNF/YACC and Field Linguistics alike).
- Designed sound for films, theatrical productions, and music side-projects in Ableton Live.
- Comfortable with L^AT_EX and modern desktop office suites.

OTHER TECHNICAL EXPERIENCE

- Designed test-cases and adapted project specifications for *Data Structures* course at William & Mary.
- Executed a technical review of van Baarsen's *GitLab Cookbook* (Pact Publishing, Dec. 2014).
- Built and programmed embedded systems with Arduino microcontrollers and SoCs.
- Active in the open-source software community; see quint.guvernator.net for projects.
- Retired User, Revspace, a Hackerspace in Den Haag, Netherlands.

EXTRACURRICULAR ACTIVITIES

- Board Member and User, Small Hall Makerspace within the William & Mary Physics department
- Retired User, Revspace, a Hackerspace in Den Haag, Netherlands. revspace.nl
- Copy Editor, *The Flat Hat* student newspaper
- Show Host and Webmaster, *WCWM* student FM and internet radio station
- Shift Volunteer and Webmaster, *The Meridian* student coffeehouse

REFERENCES

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