School Address:

University of Virginia

Charlottesville, VA 22903

Hans Jihang He

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(571) 340-2412

Home Address:

14003 Marleigh Lane

Clifton, VA 20124

**EDUCATION**

**University of Virginia** Computer and Electrical Engineering Major — Charlottesville, VA May 2016

**GPA:** 3.45/4.00

**Relevant Coursework:** Program & Data Representation, Computer Architecture, Computer Networks, Advanced Software Development, Operating Systems, Embedded System Design, Human Robot Interaction

**WORK EXPERIENCE**

**Software Engineer** July 2016 – Present **Capital One Financial Services**

* Database administrator for MSSQL, Cassandra, and PostgreSQL databases
* Implemented automatic rollback upon script deployment failure for MSSQL databases, reducing CICD process time

**Software Engineering Intern** May 2015 – July 2015 **Agilex (acquired by Accenture Federal Services)**

* Hybridized suite of web applications for Veteran’s Affairs using Cordova/Phonegap framework
* Wrote solutions for bugs in Android and iOS platforms
* Built apps locally using Grunt and Jenkins for local and production use

**Web Master** July 2014 – July 2016 **UVA Electrical and Computer Engineering Department**

* Update ece.virginia.edu website weekly with new pages, events, and information
* Manage ECE and all associated websites using HTML, CSS, and JavaScript
* Maintain ECE wiki site with security upgrades, version updates, and new information

**SKILLS**

**Languages:** Java, Python, C++, C, JavaScript/JQuery, PHP, HTML, CSS/Sass, SQL, VHDL

**Development Tools:** Eclipse, Sublime, Emacs, IntelliJ IDEA, Pycharm, Vim, Kate, Xcode, Git, Grunt

**Frameworks:** CodeIgniter, Django, Cordova/Phonegap, Angular.js

**Operating Systems:** Windows 7/8/10, Mac OS X, Linux/Ubuntu/CentOS/RHEL

**Server Technologies:** Apache, Apache Tomcat, Cloud Hosting (AWS/Heroku)

**Hardware:** Microcontrollers, LabView, Zigbee

**CERTIFICATIONS**

**AWS Solutions Architect** – Associate Level February 2017

**SELECT PROJECTS**

**Flounder** April 2017

* Keylogging Chrome extension that stores what you type for up to 3 days
* https://chrome.google.com/webstore/detail/flounder/ncnlhecpjoajcgfdgpgfnkanieakhlcb

**Speedbump** HackUMBC – March 2016

* Distributed web app that finds where the fastest internet speeds are on campus. Placed in the top 10 at HackUMBC.
* See project at https://devpost.com/software/speedbump

**MYTD 1.0** July 2015

* Google Chrome extension that limits tabs to improve browsing efficiency
* https://chrome.google.com/webstore/detail/mytd-10/dcikbgjmaafcfopfineffopjennkkcao

**EXTRACURRICULARS**

**Virginia Alpine Skiing and Snowboarding Team** Sep. 2014 – May 2016

**Jefferson Boy’s Junior Varsity Soccer** Feb. 2011 – May 2011