Joseph Randall Hunt
Curriculum Vitæ

Né à Caroline du Nord dans 1991
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Berufspraxis

JANUARY 2011 – *Present*

Undergraduate Researcher
NASA Ames Research Center
Creating an Automatic KML Tour Generator and KML Tour Editor using Django, python, SQL, and javascript. Media import tool pulls from several different sources and loads all data into a database. Project will hopefully generate a whole new set of data products for the Maps team.

AUGUST 2010 – DECEMBER 2010

Academic Engagement and IT Governance
Western Carolina University
Resolved IT issues involving several topics from networking to software configuration. Also taught several workshops on web development.

JUNE 2010 – AUGUST 2010

Undergraduate Researcher
NASA Langley Research Center
Worked on several tools for mass properties evaluation which culminated in the design a mass properties API. Also worked with an 8 person team to design and evaluate a series of tests on a flotation concept. If implemented project could save millons of dollars. Findings were published to NASA's main webpage, AIAA newsletter, and several other notable websites.

AUGUST 2009 – JUNE 2010

Lab Admin and Teaching Assistant
Western Carolina University
Assisted professor and students in an undergraduate computer science course. Maintained the computer science lab computers running Linux, Windows, and OSX with several VMs. Created scripts to automatically update all computers and all VMs. Managed backups leading to a %5 decrease in downtime.

Nebenberufliche Tetigkeiten

Sprache: **Professional**:
Java, C, PHP, (My,Postgre)SQL, HTML5/CSS3/Javascript, XML

Familiar:
Scheme (Lisp), Python, C++ Perl, Prolog, Objective-C

Frameworks: Cocoa, jQuery, Wordpress, Django

Tools: Eclipse, Mathematica, Labview, XCode, ViM, ant, jUnit

Mathematics: Formal Logic and Proof Techniques, Linear Algebra, Calculus, Statistics, Discrete Structures

Studium

JUNE 2012 | B.S. in Computer Science and Math
Western Carolina University
Cullowhee, NC

JUNE 2009 | High School
Punahou Academy
Honolulu, Hawaii

SUMMER 2007 | Certificate of Proficiency in French
Université Catholique De L'Ouest
Angers, France

Langues

ENGLISH | Fluent
FRENCH | Proficient
GERMAN | Conversational
SPANISH | Learner

Divers et Loisirs

IEEE Member
Student ACM Chapter
Open-Source Contributor
Active on StackOverflow
Passionate about Robotics
Rubik's Cubes
Love to Surf and Swim

Coursework

Multiuser Chat System in Java
Address Book with RMI in Java
Set Associative Cache Simulator in Java
Tokenizer and Parser in C
Paint Clone in Java
Email Client in Java
Wireless Sensor Grapher in TinyC+Java
TCP Implementation in TinyC

Honors

Academic Technology Advisory Committee
AP Scholar's Award
Deans List
Honors College