



# GREG TYRELLE

BIOINFORMATICS TERRITORY SPECIALIST

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Commercially oriented bioinformatician with a wide range of experience in genomics data analysis. Ranging from small bacterial de novo genome assembly, to full scale whole human genome analysis and interpretation. Working closely with sales, I have a deep understand of how NGS technologies are being employed in markets such as academia, pharma, clinical and agribio. I specialize in taking complex bioinformatics analysis workflows, methods and statistical approaches and distilling these to their core concepts to communicate with customers.

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## Experience

### THERMO FISHER

#### Bioinformatics Territory Specialist

October 2014 - Present

Managing technical support for key accounts on the Ion Torrent platform, early access technology programs, and escalations.

- Training and consulting for Stratified Medicine Scotland
- Bioinformatics lead in EMEA for Ion Torrent early access technology programs

### THERMO FISHER

#### Senior Field Bioinformatics Scientist

2012 - 2014

Pre and post sales support for SOLiD and Ion platforms, Professional Services (data analysis) and training.

- Project manager and data analyst for whole human genome population study
- Customer training and optimization of diagnostic gene panels in clinical setting
- Study design and data analysis for key customer exome data platform comparison

### COMPLETE GENOMICS

#### Senior Field Application Scientist

2011 - 2012

Pre and post sales support for whole human genome data sets, both cancer and germline.

- On-site customer data deliverables training
- Assisted customers to solve rare disease cases with genome sequencing

### DNAGE B.V.

#### Senior Bioinformatics Scientist

2009 - 2011

Bioinformatics R&D role in small Dutch startup working aging interventions

- Analyzed microarray data to support orphan drug clinical trial
- Integrated data across different omics technologies to provide key insights into accelerated aging

### PHALANX BIOTECH GROUP

#### Bioinformatics Manager

2006 - 2009

Managed a team of bioinformaticians doing R&D on microarray design and annotation:

- Built customized human and mouse microarray annotation pipeline
- Designed and implemented online data delivery service

## Education

UNIVERSITY OF NEW  
SOUTH WALES  
  
NSW, Australia  
2000 - 2004

### PhD Bioinformatics

Developed ontologies and software tools for variant calling and annotation for a custom SBE genotyping array.

## Technical skills

Statistics  
practical experience

NGS resequencing  
extensive knowledge

Personalized medicine  
extensive knowledge

Python programming  
extensive experience

R/Bioconductor  
good

NGS Transcriptomics  
practical experience

De novo assembly  
good

Clinical NGS  
good

## Contact

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